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GOST®

ALWAYS WATCHING | NEVER SEEN®

Global Leader in Wireless Security, Monitoring, Tracking,  
Surveillance, Acoustic Deterrent & Cloaking Systems  
Designed Exclusively for the Marine Market

GOST  
INSIGHT HD

GOST  
PHANTOM

GOST  
NAV-TRACKER

GOST  
WATCH HD

GOST  
ACOUSTICS

GOST  
NT-EVOLUTION 2.0

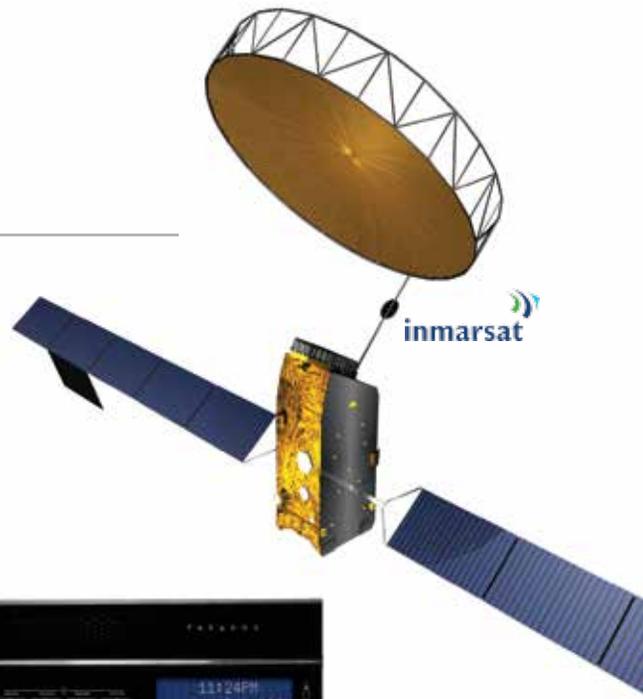
GOST  
OPTICS

GOST  
CLOAK

GOST  
NAV-TRACKER 3.0 VMS

# GOST

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**NEXT Generation**  
**Wireless Security & Monitoring with built in quad band GPRS/GSM Module**

Our legendary Marine Magellan System revamped with enhanced capabilities to report via text message as well as traditional two-way voice! Up to 64 wireless sensors & 8 wireless relays can control any AC/DC functions on board remotely. Call into your system from any phone to arm/disarm, speak with people on board or control relays. Packages available for any size vessel.



### GOST INSIGHT HD ..... 10

**NEXT Generation**  
**All-In-One Wireless Security, Monitoring, Tracking & Surveillance**

Up to 64 wireless sensors & 8 wireless relays offer sophisticated protection to help "prevent the event." Inmarsat Satellite based GPS tracking with two-way communication and **99.99% reliability** mandated by the IMO. Advanced cloud based surveillance system offers live & recorded video to monitor all activities on board your vessel remotely, from any computer or smartphone. Cameras can be set to record clips to website on alarm activation or motion detection and sent via email or text message. The 1TB IVR will record up to 6 cameras for up to 90 days (24/7/90).\* **Complete protection, total peace of mind.**



### GOST NAV-TRACKER ..... 21



**Inmarsat Satellite Based GPS Tracking**

Inmarsat Satellite based GPS tracking system with two way control, **99.99% reliability** mandated by the IMO and true global coverage everywhere except the most extreme poles. Remotely control the protective geo-fence and track your vessel live, online, anywhere in the world using our 5th generation website with embedded Bing and Google Maps. Global relay control enables users to manipulate vessel's functions from the website. Honorably awarded a medal by the U.S. Coast Guard for assistance in vessel recoveries.

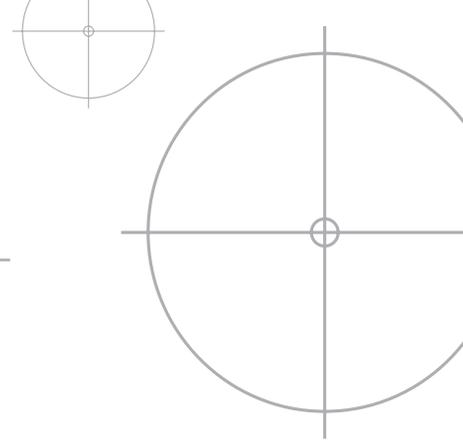


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### GOST WATCH HD ..... 28

#### Global Remote Video Surveillance System

Highly developed cloud-based surveillance system offers live & recorded video to monitor all activities on board your vessel remotely from any computer or smartphone. Cameras can be set to record clips to the website based on motion detection and sent via email or text message. A variety of interior & water resistant cameras are available for purchase, or the system can be an easy add on to existing cameras on board. The 1TB IVR will record up to 6 cameras for up to 90 days (24/7/90).\*

**NEW GOST Watch HD integrations** now allow GOST customers to integrate their **FLIR M-series** thermal imaging cameras to the website, giving them full PTZ control from anywhere in the world, in addition to integrating their **KVH TracPhone Vip-series** to stream video over satellite.



internet



cell

### GOST OPTICS ..... 38

#### Interior & Water Resistant Analog Cameras

GOST Optics is our signature line of water-resistant cameras for the exterior of the vessel, as well as interior cameras for the vessel that are designed to blend in with your vessel's interior. These cameras provide maximum protection and were designed keeping with the GOST ethos, **ALWAYS WATCHING NEVER SEEN®**.



### GOST CLOAK ..... 41

#### Impenetrable Smoke Generator

Impenetrable smoke cloud stops thieves in their tracks, prevents the loss of property, confuses the thief, and forces the intruder off the vessel until the response team arrives.



### GOST ACOUSTICS ..... 42

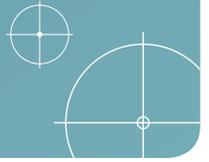
#### Acoustic Deterrents, Sirens, and Strobes

This patented sound barrier generates an unbearable frequency pattern and intensity of noise which humans cannot tolerate. "Prevent the Event" alerts will disorient and repel intruders off your vessel prior to your boat or equipment being compromised. A mini sound barrier is also available.



### VISION STATEMENT

WE STRIVE TO BE THE DOMINANT PROVIDER IN THE MARINE SECURITY, MONITORING, TRACKING AND SURVEILLANCE SEGMENT OF THE MARINE ELECTRONICS MARKET WORLDWIDE, THROUGH OUR INNOVATIVE PRODUCT OFFERINGS AND COMMITMENT TO RESEARCH AND DEVELOPMENT.



### Testimonials

“Thanks to an awesome video/alarm system, these knuckleheads have been arrested. Because of the undeniable video showing them on my boat, they also confessed to 5 other burglaries saving the local police department months of work.”

- **Ed R.**

“The new system is outstanding. The motion activation is exactly what I need for protection in a busy marina with all those crazy boaters and the constant activity from the restaurant. Cannot begin to tell you how much I appreciate all your company has done for me. I am also very appreciative for all the help that High Seas Technology has provided taking care of the installation and their support sticking with us getting the issue resolved. The service behind your company’s products is first rate and truly sets your entire team apart.”

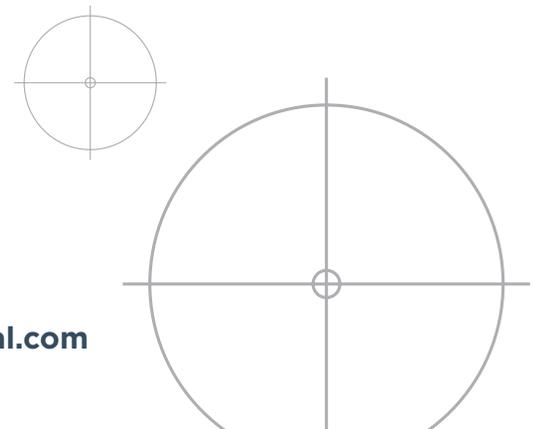
- **Jim V.**

“My yacht Seas the Day is equipped with perhaps the most advance marine electronics available for a vessel of its size. All systems are truly redundant for safety. But the one system that gives me the most “peace of mind” is GOST. Whether a quarter mile away at my home or halfway around the world I can monitor my systems by my choice or know I will be alerted to any major system problem. Almost better than the GOST is the firm’s amazingly responsive and innovative staff—always there to assist.”

- **Howard R.**

“Last June our 31’ Contender was stolen from our slip in broad daylight and in a fleeting moment our family plans for a summer on the water were over. While we were able to ultimately replace the boat we couldn’t replace our lost summer. Determined to not allow the bad guys to steal away our summer again, we installed an NT-Evolution Alarm and Monitoring System. Well, this is to report that the bad guys attempted to steal our new boat, however this time they were averted by our NT-Evolution Alarm and Monitoring System. We were immediately alerted to the attempted theft through multiple e-mails and texts. The progression of footprints along the starboard gunwale and ultimately on the deck reveal that the intruders passed through the infrared beam activating the siren and strobe light. Following the intruders footprints, it appears that once the audio and visual alarms were triggered they hurriedly retreated across the foredeck and over the bow, hopefully never to be seen again. The purpose of this e-mail is to express my gratitude to the company for a great system that really works. Have a great summer, I know we will.”

- **John**



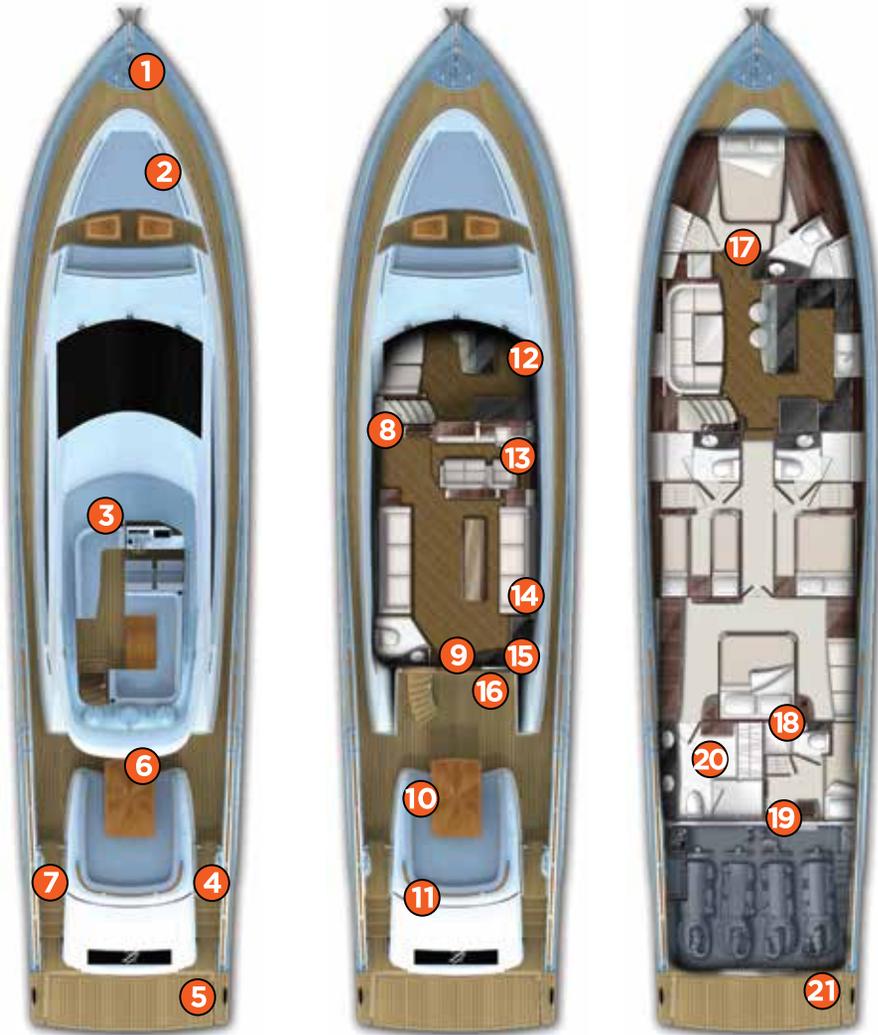
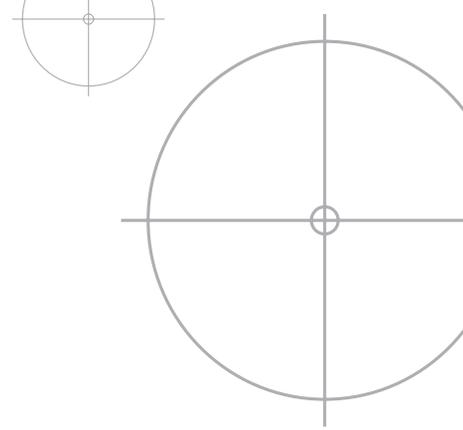
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# GOST

## TYPICAL PLACEMENT



- 1 Fwd Deck Sensors
- 2 Hatch Sensor
- 3 Helm Electronics Sensor
- 4 Stbd Deck Sensors
- 5 Stern Deck Sensors
- 6 Stern Camera
- 7 Port Deck Sensors
- 8 Smoke
- 9 Cockpit Inferno Sound Wall
- 10 Door Sensor
- 11 Cockpit Beam Sensors
- 12 Helm Miniball Camera
- 13 Salon Temperature Sensor
- 14 Salon Motion Detector
- 15 Salon Miniball Camera
- 16 Cockpit IP67 Camera
- 17 High Water Sensor
- 18 Domestic Low Voltage Sensor
- 19 Engine Room Camera
- 20 High Water Sensor
- 21 Shore Power Sensor

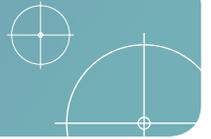


# GOST PHANTOM



## GOST Phantom Control Unit

The GOST Phantom is the NEXT Generation Wireless Security & Monitoring head unit with built in quad band GPRS/GSM Module. Our legendary Marine Magellan head units have been revamped with an even sleeker design and many enhanced capabilities, including the ability to report via text message, as well as the traditional two-way voice!



The GOST Phantom can now support up to 64 wireless sensors for security and monitoring & 8 wireless relays to control any AC/DC functions on board your vessel. Monitor high water in the bilge, low voltage, loss of shore power, temperatures in bait & food freezers, smoke, intrusion and so much more. Sophisticated, marinised deck pressure sensors, door contacts, dual optical passive infrared motion sensors and pull sensors alert you to intrusion or potential theft on your vessel. "Prevent the event" by programming a siren and flashing lights to go off when a sensor is triggered and get potential thieves off your boat immediately. When an event occurs, the Phantom will call/text up to 8 phone numbers with a voice recording or text message letting you know the vessel's status and the event that has occurred. Key fob control allows for easy arming/disarming and displays the system's status using visual (LED) and auditory feedback. Up to 6 different functions can be programmed and the system's stats can be checked with the push of a button.



Remotely call in from any phone to check the system's status, arm/disarm the system, control outputs (turn things on or off such as a lights, air conditioning or even your ice maker before a fishing trip!), leave messages for friends and crew, or call in to have two way conversations with those on board through the units hands free speaker phone. Have contractors on your vessel working by the hour? The GOST Phantom unit can be set to discreetly make calls to you when certain codes are entered to disarm the system so you know exactly who is on your boat and when they arrive.

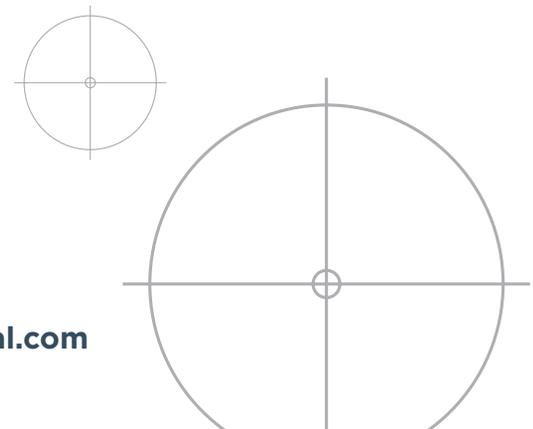
Another great feature of the GOST Phantom head unit is the ability to arm two separate partitions. This allows users to have two independent security systems in one, allowing individual arming/disarming of separate areas of the vessel. This can be particularly handy if the vessel owner wants to have the crew quarters and engine room independent from the rest of the vessel or however you wish to configure it.

All of the ultra reliable Phantom wireless security & monitoring sensors, sirens, relays, remotes, and repeaters seamlessly integrate into the GOST Phantom.

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## GOST Phantom Control Unit

### GOST Phantom Head Unit for Phantom & Insight HD Packages:

#### GOST Phantom 64-Zone All-In-One Wireless Console

- 64 wireless zones
- 2 onboard relay outputs, 8 wireless relay outputs
- 2 partitions
- Built-in transceiver 433MHz
- Built-in quad-band GPRS/GSM module
- Hands-free speakerphone
- Two-way voice communication with those on board
- Independently reports for loss of shore power
- Built-in 16-character LCD keypad with voice prompt
- High-quality voice and sound
- Vessel message center (up to 30 sec. w/time tamp)
- Alarm clock
- Access system remotely by telephone
- Receive system status 4 ways (LEDs, LCD, Voice & Text Message)
- Chime zone capabilities for entrance/exit
- Up to 16 users and 16 key fob remote controls
- 256 events buffered
- Built-in 90dB siren
- Supports 4 wireless sirens (GMM-SRN-STR)
- Supports 4 wireless keypads (GMM-WKPD), displays first 32 zones only
- Supports 4 wireless repeaters (GMM-IP65-RP)
- Supports 16 two-way remotes (GMM-KF2/GMM-KF3)
- Remote firmware upgrade via GPRS

### GOST Phantom included Wireless Remote with Relay Control & System Status

#### GMM-KF2

This key fob is designed to include backlit buttons and display system status using visual (LED) and auditory feedback. Program up to 6 different functions per key fob to check system stats, control relays and more.



#### Features

- Water resistant with backlit buttons for easy viewing
- Displays system status using visual (LED) and auditory feedback
- Press the Status button at any time to receive the system status
- System Status Memory: The GMM-KF2 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status even when out of range. It can also be used to confirm the last action you did while away from the system.
- Control up to 6 different actions per remote control.
- Wireless range in a typical marine environment: 30m (100ft) with GOST Phantom, GOST Insight or GOST NT-Evolution and 60m (200ft) with the Wireless Repeater



## GOST Phantom Packages

### GOST Phantom Security Package

#### GOST Phantom S

Wireless Security Protection with Two Way Voice through built in quad band GPRS/GSM Module for Simultaneous Voice & Text Message Reporting & Control

In the event of intrusion, the GOST Phantom will call and/or text up to 8 phone numbers alerting recipients to the incident that has occurred on board the vessel. The system will also monitor loss of shore power and power restoration. Wireless relays can be added to control any AC or DC powered devices on board remotely over the phone or locally with a key fob. Call the boat to turn on the air conditioning, lights or even start the ice maker so it's ready on your arrival. When in alarm, relays can be used to control an external siren and flash the vessel's lights to attract attention. Additional sensors can be added including deck pressure sensors, pull sensors, infrared beam sensors, canvas snap sensors and more. The GOST Phantom S is fully upgradeable to other versions of the GOST Phantom or GOST Insight HD Packages.



1 each GOST Phantom Head Unit with built in quad band GPRS/GSM Module

1 each GMM-KF2 Wireless Remote Key Fob



1 each GMM-DC Wireless Door Contacts



1 each GMM-MS2 Motion Detector

### GOST Phantom Monitoring Package

#### GOST Phantom M

Wireless Monitoring Protection with Two Way Voice through built in quad band GPRS/GSM Module for Simultaneous Voice & Text Message Reporting & Control

The GOST Phantom M is designed for boat owners who want to monitor certain conditions on board the vessel. This version of the system will monitor the shore power, high water in the bilge, low battery voltage and smoke detection. When an event occurs the GOST Phantom will call and/or text up to 8 phone numbers, alerting recipients to the incident on board the vessel. Additional monitoring sensors are available which help protect against thousands of dollars in losses.



1 each GOST Phantom Head Unit with built in quad band GPRS/GSM Module

1 each GMM-KF2 Wireless Remote Key Fob

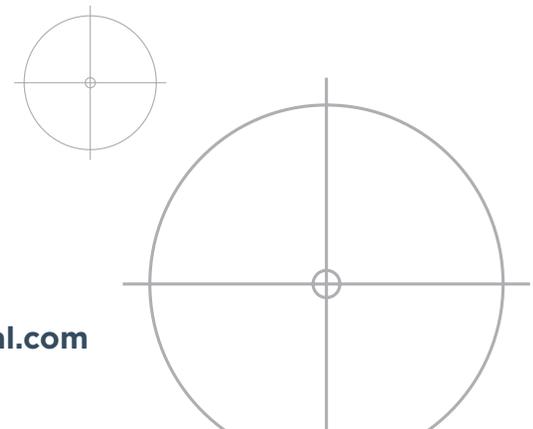
1 each GMM-SD Smoke Detector



1 each GMM-IP67-HWS High Water Sensor

1 each GMM-IP67-LVS 12/24 Low Voltage Sensor

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## GOST Phantom Packages

### GOST Phantom Security & Monitoring Package GOST Phantom SM

Wireless Security & Monitoring Protection with two way voice through built in quad band GPRS/GSM Module for Simultaneous Voice & Text Message Reporting & Control

The GOST Phantom SM is designed for boat owners who want complete peace of mind with both security and monitoring capabilities combined in one package. The Phantom SM will help protect against intrusion and theft, as well as monitor the shore power, low battery voltage, smoke detection and high water. See the GOST Phantom Wireless Interior & Wireless Water Resistant Sensor pages of our catalog for additional security and monitoring sensors available.



1 each GOST Phantom Head Unit with built in quad band GPRS/GSM Module



1 each GMM-IP67-HWS High Water Sensor



1 each GMM-KF2 Wireless Remote Key Fob



1 each GMM-IP67-LVS 12/24 Low Voltage Sensor



2 each GMM-DC Wireless Door Contacts



1 each GMM-SD Smoke Detector



1 each GMM-MS2 Motion Detector

### GOST Phantom Security, Monitoring & GPS Tracking Package GOST Phantom SM GPS

Wireless Security & Monitoring protection with GPS Satellite Tracking and Two Way Voice through built in quad band GPRS/GSM Module for Simultaneous Voice & Text Message Reporting and Control

GOST Phantom SM GPS includes all the same great features of the Phantom Security and Monitoring package and adds GOST's award winning NAV-Tracker Inmarsat based GPS Satellite Tracking.



1 each GOST Phantom Head Unit with built in quad band GPRS/GSM Module



1 each GMM-IP67-HWS High Water Sensor



1 each GMM-KF2 Wireless Remote Key Fob



1 each GMM-IP67-LVS 12/24 Low Voltage Sensor



2 each GMM-DC Wireless Door Contacts



1 each GMM-SD Smoke Detector



1 each GMM-MS2 Motion Detector



1 each GMM-NT-30 Phantom Nav-Tracker



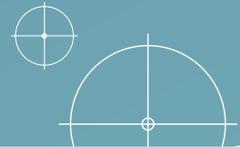
## All-In-One Systems

### GOST Phantom Insight HD Packages GP-INSIGHT-HD

All-In-One Wireless Security, Monitoring & Surveillance with two way voice communications through our G3G-GSM Series Cellular Communicator

This system is designed to call up to 8 phone numbers to alert owners in the event of high water in the bilge, low battery voltage, loss of shore power, smoke or intrusion on the vessel. Wireless relays can be added to control any AC or DC powered device on board with a key fob or remotely over the phone. Call the vessel a few hours ahead to turn on the air conditioning or start the ice maker so it's full when a day of fishing is planned. These relays can also be used to activate an external siren and even flash the vessel's lights when intrusion is detected.

Insight HD surveillance offers local and remote access to cameras on board, using any computer or smartphone with an internet connection. The system can also record snapshots and video clips to the website in the event of motion detection and on demand, and send text messages or emails with the clip to users. Users can also log in to the website to view snapshots or video clips, as well as watch live streaming video from the vessel. The Insight HD now features the NEW GOST Phantom head unit as the main control unit for the system, which also includes the built in quad band GPRS/GSM Module.



1 each GOST Phantom Head Unit with built in quad band GPRS/GSM Module



1 each GMM-SD Smoke Detector



1 each GMM-KF2 Wireless Remote Key Fob



1 each GOST Mini Ball



2 each GMM-DC Wireless Door Contacts



1 each GWHD-A/D Gateway



1 each GMM-MS2 Motion Detector



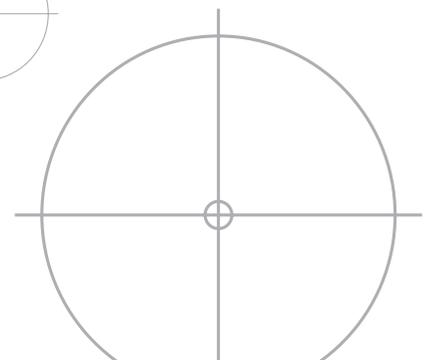
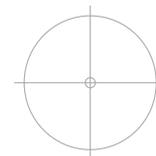
1 each G3G-GSM Series Cellular Communicator



1 each GMM-IP67-HWS High Water Sensor



1 each GMM-IP67-LVS 12/24 Low Voltage Sensor



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## All-In-One Systems

### GOST Phantom Insight HD IVR GP-INSIGHT-HD-IVR-1TB

All-in-one Wireless Security, Monitoring & High Definition Surveillance with a 1TB IVR and two way voice communication through our G3G-GSM Series Cellular Communicator

This system includes everything in our GOST INSIGHT HD package with an added ultra compact 1TB IVR (Internet Video Recorder). The High Capacity 1TB IVR version will extend recording time for up to 90 days\* 24/7 from up to 6 cameras. The user has full access to the IVR from the GOST Watch HD website.

**Package includes:**

GOST Phantom Insight HD Package  
1 each GWHD-IVR-1TB



### GOST Phantom Insight HD GPS GP-INSIGHT-HD-GPS

All-in-one Wireless Security, Monitoring & High Definition Surveillance with GPS Satellite Tracking and two way voice communication through our G3G-GSM Series Cellular Communicator

This system includes everything in the GOST INSIGHT HD package and adds Inmarsat based GPS Satellite Tracking. Locate the exact position of your vessel anywhere in the world and track its every move 27/7 from any computer or smartphone with internet access. In the event the boat is stolen and the geo-fence is breached, the system will alert up to 10 recipients with an email and/or text notification of the event.

**Package includes:**

GOST Phantom Insight HD Package  
1 each GMM-NT-30 NAV-TRACKER



### GOST Phantom Insight HD GPS IVR GP-INSIGHT-HD-GPS-IVR

All-in-one Wireless Security, Monitoring, GPS Satellite Tracking & High Definition Surveillance with a 1TB IVR and two way voice communication through our G3G-GSM Series Cellular Communicator

This system includes everything in the GOST INSIGHT HD package and adds tracking and a 1TB IVR.

**Package includes:**

GOST Phantom Insight HD Package  
1 each GMM-NT-30 NAV-TRACKER  
1 each GWHD-IVR-1TB



\*Actual recording time may vary depending on what is in view of the cameras being recorded.



## GOST Phantom NAV-TRACKER

### GMM-Nav-Tracker

This version of the Nav-Tracker is specifically designed to integrate with the NEW GOST Phantom and NEW GOST Insight systems. GOST's award winning NAV-TRACKER utilizes the 2 way, Inmarsat Satellite Constellation, the same satellites used by the U.S. Defense Department that are required to have 99.99% reliability mandated by the IMO. Locate the exact position of your vessel at any moment and track its every move 24/7, anywhere in the world from a computer or smartphone with internet access. When armed, the Nav-Tracker creates a protective 500 meter geo-fence (radius) around the vessel. If the vessel moves outside the geo-fence without being disarmed, the system immediately sends geo-fence breach emails and/or text messages to 10 predetermined recipients, every 15 minutes (programmable from 2 min to 30 min) with the vessel's latitude, longitude, speed & heading.

Unlike other versions of the Nav-Tracker, the geo-fence of the GMM Nav-Tracker is not armed or disarmed from the website, but is armed and disarmed with the GOST Phantom system via key fob remote or via cell phone. The system integration also allows the GOST Phantom SM GPS to report when the system is armed/disarmed, goes into alarm or goes into geo fence breach, all over the Inmarsat Satellite Network. This is helpful when the vessel is out of GSM cellular network range. The GMM NAV-TRACKER can be integrated into any GOST Phantom or Insight HD system.

See the main GOST Nav-Tracker section of our catalog for a full description of the GOST Nav-Tracker Website with embedded Google & Bing Maps!



- GMM-NT-30 includes the GMM-NT control unit with built in wireless transmitters, antenna, 30 ft antenna cable, 6 foot power cable and covert antenna mounting bracket
- GMM-NT-60 includes the GMM-NT control unit with built in wireless transmitters, antenna, 60 ft antenna cable, 6 ft power cable and covert antenna mounting bracket

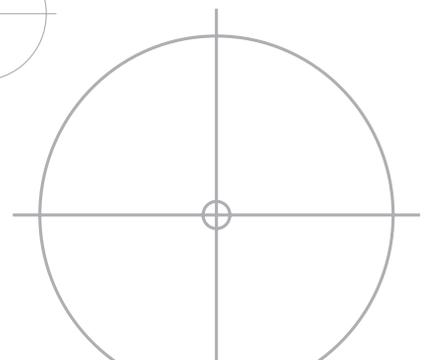
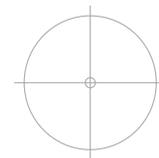


**Awarded a medal from the  
U.S. Coast Guard for assistance  
in vessel recoveries**

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## GOST Wireless Remotes

### Wireless Remote with Relay Control & System Status

#### GMM-KF2

This key fob remote features backlit buttons and display system status using visual (LED) and auditory feedback. You can program up to 6 different functions per remote to check system status, control relays and more.

#### GMM-KF2 Features

- Water resistant with backlit buttons
- Wireless range in a typical marine environment: 30m (100ft) with GOST Phantom, GOST Insight HD or GOST NT-Evolution and 60m (200ft) with the Wireless Repeater
- Displays system status using visual (LED) and auditory feedback
- Press the Status button at any time to receive the system status
- System Status Memory: The GMM-KF2 will keep the last system status received from the control panel in memory. Press the Info button to display the last system status-even when out of range. It can also be used to confirm the last action you did on the system while away from the system. Perform up to 6 actions per remote.



### Wireless Hand-Held Two-Way Remote Keypad with Relay Control & System Status

#### GMM-KF3

The new Hand-Held Two-Way remote control keypad is one of the options to control the GOST Phantom. It allows for the same one touch arm/disarm but also offers clients an extra level of protection by requiring a code be entered to arm/disarm the system. This remote also allows you to independently arm/disarm different partitions (separate security zones) of the system.

#### GMM-KF3 Features

- Compact, water-resistant design
- Provides visual and auditory feedback of system status
- Remote Mode: One-touch arming/disarming
- Configure which partitions the GMM-KF3 arms/disarms
- Built-In Transceiver 433MHz
- Independent Arm, Sleep, Stay and Off buttons and LED display per partition
- Control up to 6 GMM-RLY-Z1 and/or generate panics
- Keypad Mode: Requires code entry
- Press the Status button to receive system status
- System Status Memory: The GMM-KF3 will keep the last system status received from the control panel in memory.
- Label to identify remote control owner
- Size: 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)
- Installer Diagnostic Mode:
  - Partition 1 LEDs = Signal Strength Display
  - Partition 2 LEDs = RF Interference Display



### Wireless Remote with Relay Control

#### GMM-KF15

This new wireless remote offers a sleek, modern design which replaces the original GMM-KF1 and closely remembers a car key.

#### GMM-KF15 Features

- Slim, ergonomic design
- Water resistant
- Perform up to 5 different actions
- Wireless range in typical marine environment: 30m (100ft) with GOST Phantom, Insight HD or NT-Evolution 2.0 and 60m (200ft) with the Wireless Repeater





## GOST Wireless Interior Sensors

### Standard Wireless Door/Hatch Contact GMM-DC

This is our standard wireless door and hatch contact, for use inside the vessel. This wireless contact sensor has a built in magnetic switch as well as a universal input works with any of our available extension sensors below. Additionally, it has a built in anti-tamper switch for extra protection.



#### Features:

- Wireless range in a typical marine environment: 30m (100ft) with GOST Phantom or GOST Insight that can be extended to 60m (200ft) with the Wireless Repeater
- Low battery and signal transmission LED
- Dimensions: 11cm x 3.2cm x 2.5cm (4.4in x 1.3in x 1in)

### Ultra Small Wireless Door/Hatch Contact GMM-DCUS

The ultra small interior wireless door/hatch contact has a low profile and is less obtrusive on the boat's interior. This sensor has a lower wireless range than the other available sensors and is powered by a button cell battery.



#### Features:

- Wireless range in a typical marine environment: 20m (65ft) with GOST Phantom or GOST Insight that can be extended to 40m (130ft) with the Wireless Repeater
- Low battery and signal transmission LED
- Dimensions: 4.4cm x 3.0cm x 1.7cm (1.7in x 1.2in x 0.7in)

### Extension Sensors

These miniature white magnetic extension sensors can be used in the secondary zone input on the GMM-DC, GMM-DCLR, and GMM-IP67-DC.

**Standard Wide Gap Extension Sensor  
GDC-EXT-WG**  
2" x .25" Mini Surface Mount Switch Set Wide Gap up to 3 inch gap between sensor & magnet



**Standard Wide Gap with Hidden Wire  
Extension Sensor  
GDC-EXT-WGH**  
2" x .25" Miniature Surface Mount, Wide Gap (white) Hidden Wire (bottom)



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### Long Range Door/Hatch Contact GMM-DCLR

Our long range interior wireless door/hatch sensor has a built in magnetic switch and universal input that works with any of our available extension sensors below. It is compatible with the GOST Phantom & GOST Insight Systems. This wireless design also has a built in anti-tamper switch.



#### Features:

- Wireless range in a typical marine environment: 35m (115ft) with GOST Phantom or GOST Insight that can be extended to 70m (230ft) with the Wireless Repeater
- Low battery & signal transmission LED
- Dimensions: 12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)

**\*\*Available in IP67 version for protection from marine environments. Typical locations are lazarette hatches or engine room doors (GMM-IP67-DC)**

### Recessed Extension Sensor GDC-EXT-R

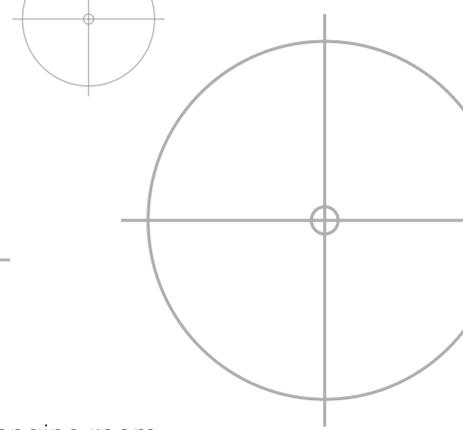
1" x .4" Miniature Recessed Mount 3/8" Switch Set



### Super Heavy Duty Wide Gap Extension Sensor GDC-EXT-WGHD

4" x .5" Exterior Surface Mount Switch Set \*SUPER HEAVY DUTY\* up to 3 inch gap between sensor and magnet





## GOST Wireless Interior Smoke Detector



### Wireless Smoke Detector

**GMM-SD**

This wireless smoke detector is designed for use in the interior and engine room of the vessel and has a highly-sensitive photoelectric sensor with built in siren.

## GOST Motion Detectors

All wireless motion detectors are truly PET immune. The installer will not have to turn down the sensitivity to avoid false alarms from pets on board.

### Wireless Motion Detectors

#### Wireless Single Optical Indoor Motion Detector

**GMM-MS1**

The interior wireless single optical, passive infrared (PIR) detector is included in our value packages. Sensor will not recognize pets weighing up to 40LBs. The single element sensor detects motion right to left and up and down up to 35 square ft.



#### Wireless Dual Optical Indoor Motion Sensor

**GMM-MS2**

The interior wireless dual optical, passive infrared (PIR) detector is our standard motion detector included in our GOST Phantom & GOST Insight HD packages. The sensor will not recognize pets weighing up to 90LBs. The dual digital element sensor detects motion right to left and up and down up to 35ft with adjustable sensitivity.



#### Wireless Water Resistant Dual Optical Motion Detector

**GMM-MS-WR**

The exterior wireless dual optical, passive infrared (PIR) detector uses the same technology as our GMM-MS2 and is water resistant for use on the exterior of the vessel. The sensor will not recognize pets weighing up to 90LBs. The dual digital element sensor detects motion right to left and up and down up to 35ft with adjustable sensitivity.



### Hardwired Motion Detectors

#### Hardwired Ceiling Mount Motion Detector with 360 Degree PIR

**GMM-MS-360**

The ceiling mounted sensor digitally monitors and detects 360 degree range of motion using dual opposed element. It is perfect for those hard to protect areas.



#### Hardwired Covert Motion Sensor

**GMM-MS-STEALTH**

This motion detector has a unique ascetic design where appearances matter most, like in the salon. Our hardwired elegant motion detection is fully digital using dual element, Shield Algorithm, Auto Pulse Signal, and built in Automatic Temperature Compensation.



#### Hardwired Door/Window Security Curtain PIR

**GMM-MS-DOOR**

This motion sensor is designed to cover doors or windows with a thin security curtain of infrared beams. It can be discretely mounted in the upper right or left corner of a window or door and it will trip if someone tries to enter through either of these openings, without picking up movement on the inside or outside of the protected area.





## GOST Wireless Water Resistant Sensors

All of our wireless sensors are compatible with GOST Phantom, GOST Insight HD and GOST NT-Evolution systems. Based on the system's options, sensors can be set to send an alert if triggered via 3G GSM Communicator or through our Inmarsat Satellite based tracking system. They can even use an existing onboard satellite phone.

### High Water Sensor GMM-IP67-HWS

The GMM-IP67-HWS wireless high water sensor is designed to stand up to the harsh marine environment. It includes a mounting bracket for the float switch to be installed in the bilge of the vessel, slightly below the vessel's factory-installed high water sensor.



### Low Voltage Sensor 12 or 24 Volts DC GMM-IP67-LVS

The GMM-IP67-LVS wireless Low Voltage Sensor is designed to stand up to the harsh marine environment and is set to trigger an alarm when the voltage drops below 11.6v (on 12V Sensor) or 23.2v (on 24v sensor) for more than 2 minutes. This sensor will monitor any 12V or 24V battery bank. There is a dip switch on the circuit board that allows installers to switch the voltage monitored between 12 or 24 volts DC.



### Shore Power Loss Sensor (110V only) GMM-IP67-PowerOut

The GMM-IP67-PowerOut wireless AC Shore Power Loss Sensor's enclosure is designed to stand up to the harsh marine environment and is set to trigger an alarm when shore power is lost. It has an approximate 8 minute delay during temporary power switchovers. The sensor simply plugs into any 110VAC outlet to monitor its power loss.



### Temperature Sensor GMM-IP67-TempSensor

The GMM-IP67-TempSensor wireless Temperature Sensor's enclosure is designed to stand up to the harsh marine environment and is set to trigger an alarm when the temperatures exceed or drops below a preset temperatures range. The coil sensor itself can be mounted virtually anywhere in the vessel where temperature threshold alarms are needed.



### Freezer Temperature Sensor GMM-IP67-Freezer

The GMM-IP67-Freezer wireless Freezer Temperature Sensor is designed to monitor the temperature inside the vessel's food, ice storage & bait freezers and will alert up to 8 people with a voice phone call and/or text message if the temperature rises to 39°F (+/- 5°F).



### Heat Temperature Sensor GMM-IP67-Heat

The GMM-IP67-Heat wireless Heat Temperature Sensor is designed to monitor the temperature inside the vessel's food, ice storage & bait freezers and will alert up to 8 people with a voice phone call and/or text message if the temperature reaches 160°F (+/- 5.4°F) and will reset when the temperature reaches 130°F (+/- 10°F). The IP-rated, wireless, battery powered GOST Heat Sensor is available as an add-on to any GOST Phantom, GOST Insight HD or GOST NT-Evolution System.



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## GOST Wireless Water Resistant Sensors

### Water Resistant

#### Door/Hatch Sensor

##### GMM-IP67-DC

Our long range water resistant wireless door/hatch sensor works with any of our available extension sensors below. This wireless design also has a built in anti-tamper switch.



#### Features:

- Wireless range in a typical marine environment: 35m (115ft) with GOST Phantom, GOST Insight HD or GOST NT-Evolution Systems that can be extended to 70m (230ft) with the wireless repeater
- Low battery and signal transmission LED

#### Extension sensors

One of the extension sensors listed on page 14 required, select one from list.

#### Pull Sensor

##### GMM-IP67-Pull-25

The wireless pull sensor has developed multiple uses over the years. It is used as a continuity line, which triggers the sensor when broken. Notification is given if the boat is pulled away from the dock or a tender is pulled from the back of a vessel. It is also possible to install the sensors in several different ways. They can be installed with the female end on the dock or the mother ship, or they can have the male & female on the same vessel, which lends itself to more versatility.



#### Infrared Beam Sensor

##### GMM-IP67-IBS

The wireless Infrared Beam Sensor is designed to protect the exterior of the vessel. An invisible infrared beam shoots between the emitter and the detector (photoelectric eyes). Once the infrared beam is broken, the sensor is activated and causes the system to go into alarm. These sensors are commonly installed in the gunwales to protect the cockpit areas. Other uses include open fly bridges to protect electronics or any other exposed areas where a motion detector is not practical. These sensors have a built-in fail safe amplifier and are resistant to sunlight and other interference.

#### For sensors only

**GMM-IP67-IBS1** (1 pair of eyes)

**GMM-IP67-IBS2** (2 pairs of eyes)

#### For sensors with siren output

**GMM-IP67-IBS1-Siren-Out** (1 pair of eyes)

**GMM-IP67-IBS2-Siren-Out** (2 pairs of eyes)

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#### Deck Pressure Sensors

##### GMM-IP67-DS

The wireless deck sensor is designed to protect the exterior or interior of the vessel. Sensors are epoxied to the underside of the vessel's deck where they cannot be seen by intruders. Environmentally sealed and utilizing 22-gauge marine grade wire leads, these sensors are ideal for those hard to protect areas of the vessel where there is access to the underside of the deck. They won't respond to vibration, shock, or airborne items and sense only the unique flexing of the deck caused by a person walking. Sensitivity is fully adjustable from the processor. They can also be used to protect ladders up to the fly bridge or tuna tower.



#### For fiberglass and wood decks:

**GMM-IP67-DS2:** 2 sensor array wireless deck pressure sensor

**GMM-IP67-DS4:** 4 sensor array wireless deck pressure sensor

#### For aluminum or steel decks:

**GMM-IP67-DS2M:** 2 sensor array wireless deck pressure sensor

**GMM-IP67-DS4M:** 4 sensor array wireless deck pressure sensor

#### Canvas Snap Sensor

##### GMM-IP67-Snap

The wireless canvas snap sensor is designed to stand up to the harsh marine environment and is set to trigger an alarm when the canvas cover is unsnapped. The canvas snap sensor is mounted in an existing snap location which makes it very difficult to see as it looks like a normal snap. This sensor is ideal for protecting vessels that are covered with a canvas cover.



# GOST PHANTOM

## GOST Wireless Water Resistant Accessories



### Wireless, Water Resistant Repeater & Range Extender with Power Supply and Back-up Battery

#### GMM-IP65-RP

The GMM-IP65-RP is a water resistant wireless repeater that doubles the wireless range of the GOST Phantom (up to 250ft). This device is very practical for 80+ foot vessels where diamond plating, metallic sound proofing, or multiple bulkheads may diminish wireless range on board and in boats made of metal. Operating on 433 MHz, it is fully compatible with the full line of wireless sensors, relays, and/or keypads. The unit is housed in its own water resistant IP enclosure, complete with a Lead Acid battery backup, 6 ft power cable, and an AC transformer. The GOST Phantom is compatible with up to a maximum of four repeaters which lends itself well for large aftermarket mega & superyacht installations.



### Wireless, Water Resistant Commercial Repeater & Range Extender with Power Supply and Back-up Battery

#### GP-Commercial-RP-240 VAC

#### GP-Commercial-RP-120 VAC

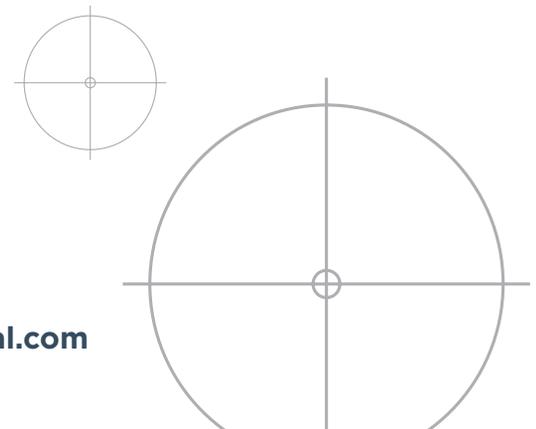
The GOST Phantom Commercial Repeater is an IP rated wireless repeater that comes in a heavy duty fiberglass enclosure with 240 or 120 VAC power supply and battery back up. This device will double the wireless range of the GOST Phantom (up to 250ft). This device is typical used on 80+ foot vessels where diamond plating, metallic sound proofing, or multiple bulkheads may diminish wireless range on board or if the boat is made of metal. It operates on 433 MHz and is fully compatible with the full line of wireless sensors, relays, and/or keypads. The unit is housed in its own water resistant IP enclosure, complete with a Lead Acid battery backup, 6 ft power cable, and an AC transformer. The GOST Phantom is compatible with up to a maximum of four repeaters which lends itself well for large aftermarket mega & superyacht installations.



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## GOST Wireless Water Resistant Accessories

### Water Resistant Wireless Relay

#### GMM-IP67-RLY-Z1

The GMM-IP67-RLY-Z1 is the water resistant version of the GMM-RLY-Z1 and is for use on the exterior of vessels or on vessels where everything has the potential to get wet, such as a center console.

#### Features

- Arm, Stay and Ready status LEDs
- 1 programmable 5A relay output
- Universal transmitter input (N.O./N.C.)
- Backup Alarm Reporting option (activates GMM-RLY-Z1 output if communication between the Phantom console and the GMM-RLY-Z1 is lost)
- Wireless range in a typical marine environment: 35m (115ft) with GOST Phantom that can be extended to 70m (230ft) with the Wireless Repeater
- Dimensions of non water resistant version:  
12.5cm x 4.6cm x 2.5cm (4.9in x 1.8in x 1.0in)



## GOST Wireless Interior Accessories

### Wireless Relay

#### GMM-RLY-Z1

The GOST Phantom, GOST Insight HD and GOST NT-Evolution can support up to eight wireless relays (GMM-RLY-Z1), which can control any AC or DC powered device on board. These are 5 amp relays that can be used to control larger load applications by triggering a high current relay. These relays are customizable and have many uses. For example, they can be used to program the cockpit lights or horns to pulse on alarm. They can also be used to remotely turn on an ice maker, AC/heat, open pneumatic doors or control any other electrical switch operations the owner desires. The relays can also be controlled from the programmable button on the system's key fob remote controls. This is ideal when boarding the vessel at night. Imagine being able to turn on the spreader lights in an unfamiliar marina and turning on the salon lights when approaching the vessel. These relays not only provide owners peace of mind when they are away from their boat, but also add several automated conveniences when using their vessel.



## GOST Wireless Water Resistant Keypad

### GOST Wireless Water Resistant Keypad

**GP-IP67-WKPD-LCD**

**32-Zone Wireless Fixed LCD Keypad**

Powered by 2 "AA" batteries, with built-in backup battery (GP-WKPD-ADP is optional)

Our 32-Zone Wireless LCD Keypad is compatible with GOST Phantom & GOST Phantom Insight HD. It features the added convenience of controlling the system from multiple locations. It will display 32-zones in 2 partitions on the LCD display, 3 panic alarm buttons, and allows users to view each zone in live mode and more. It is powered by 2 "AA" batteries, with built in back up battery and can also be powered with optional GP-WKPD-ADP power adapter.



\*See below for full description of features.

## GOST Wireless Interior Keypad

### GOST Wireless Interior Keypad

**GP-WKPD-LCD**

**32-Zone Wireless Fixed LCD Keypad**

Powered by 2 "AA" batteries, with built-in backup battery (GP-WKPD-ADP is optional)

Our 32-Zone Wireless LCD Keypad is compatible with GOST Phantom & GOST Phantom Insight HD. It features the added convenience of controlling the system from multiple locations. It will display 32-zones in 2 partitions on the LCD display, 3 panic alarm buttons, allows users to view each zone in live mode, and much more. It is powered by 2 "AA" batteries, with built in back up battery and can also be powered with optional GP-WKPD-ADP power adapter.



#### Keypad Features

- Live Mode: View zone and system status live as they occur
- Goes into sleep mode after 20 seconds to save battery life, but automatically wakes up upon entry delay or alarm
- Displays Arm, Sleep, Stay and Disarmed status for each partition
- 8 one-touch action buttons
- 32-zone LCD display in 2 partitions
- Low Battery, Message and FM status LEDs
- Wireless range in typical marine environment: 40m (130ft)

#### Power Supply

**GP-WKPD-ADP**

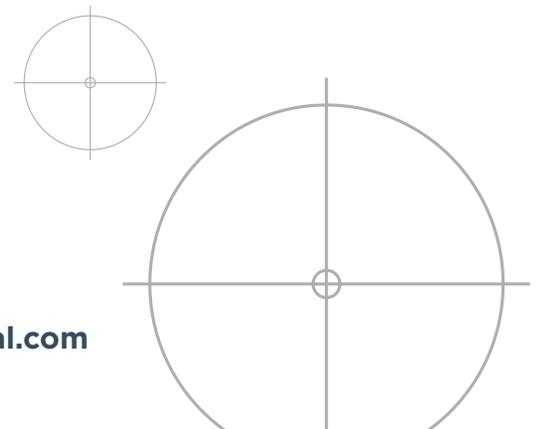
6-Volt power supply for GP-WKPD

#### Features

- Provides 6Vdc at 350mA max
- Includes one of 5 different power outlets:
  - ACPUL (North America)
  - ACPEU (Europe),
  - ACPAUS (Australia)
  - ACPCH (China),
  - ACPUK (United-Kingdom)



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## GOST GPS Satellite Tracking

### GOST NAV-TRACKER

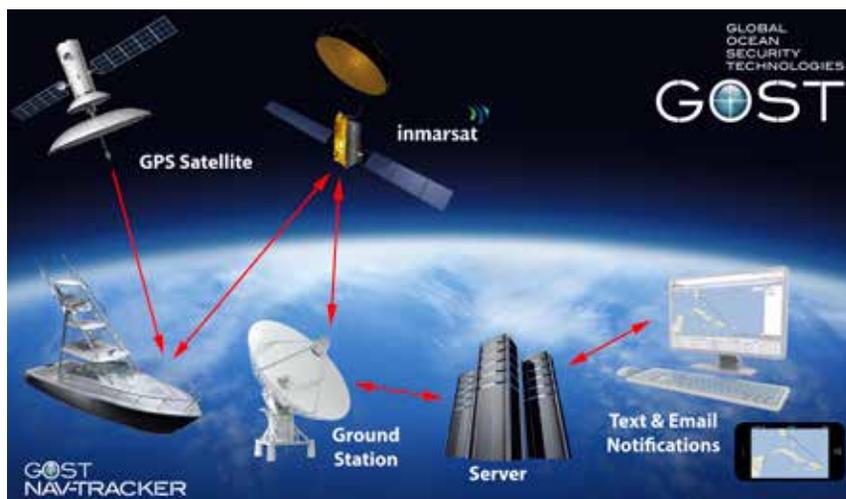
GOST's award winning NAV-TRACKER utilizes the Inmarsat Satellite Constellation, the same satellites used by the U.S. Defense Department with 99.99% reliability mandated by the IMO, two-way communication and True Global Coverage everywhere except the extreme poles. Locate the exact position of your vessel at any moment and track its every move 24/7, anywhere in the world from a computer or smartphone with internet access. When armed, the Nav-Tracker creates a protective 500-meter geo-fence (radius) around the vessel. If the vessel moves outside the geo-fence without being disarmed, the system immediately sends geo-fence breach emails and/or text messages to 10 predetermined recipients every 15 minutes (programmable from 2 to 30 min) with the vessel's latitude, longitude, speed & heading. GOST was awarded a medal by the U.S. Coast Guard for assistance in the recovery of high profile vessels using this tracking system, some in less than 1 hour after being stolen!



The GOST Nav-Tracker website is an advanced web-based application that allows users to monitor GOST's wide range of Inmarsat Satellite based GPS Tracking, Security & Monitoring systems from anywhere in the world. The site continues to offer the distinctive capability of two-way communication with the Nav-Tracker unit. This feature is extremely important in the event the boat is stolen and needs to be tracked. Users can arm/disarm the unit, increase reporting intervals, poll the unit and even drive a relay to turn on/off ANY A/C or D/C function on the vessel with the click of a mouse. The user friendly website incorporates both Google and Bing mapping applications with the ability to change from Road to Satellite to Hybrid view. Users can create several types of website based geo-fences by drawing right on the mapping software to send alerts when the vessel travels outside a defined route or when it enters or exits a predefined geo-fence.

### Traditional System Based Geo-Fence

When the system is armed either locally on board the vessel or from the configure page on the website, the GOST NAV-TRACKER takes a reading of its current location and sets a geo-fence (radius) around the vessel to the specifications set by the owner (500m to 8km). If the vessel moves outside the geo-fence the GOST NAV-TRACKER will instantly send up to 10 emails or text messages notifying recipients of the geo-fence breach and provide the vessel's exact latitude, longitude, speed and heading. It will continue to send these reports every 2 to 30 minutes (can be set on new website and changed when in breach), until the vessel returns to its original geo-fence area or is disarmed (locally or on the website).





## GOST GPS Satellite Tracking

### GOST NAV-TRACKER

#### Website Based Geo-Fencing

We have also added the ability for users to create several different types of website based geo-fences and draw them onto the embedded mapping software.

GOST Nav-Tracker website users can choose from several web based geo-fence options, including alerts generated when a vessel travels outside a defined route, or when a vessel enters or exits a predefined geo-fence. Website based geo-fencing differs from system based geo-fencing which does not know about the geo-fences set up on the website. When the system on board sends its normal reports, the website cross references those reports against the web based geo-fences and will alert users if there is a breach. In situations where a breach of the web based geo-fences needs to be known as soon as possible, the reporting interval of the NAV-TRACKER can be increased to accommodate.

The new website allows users to view a history of the last 90 days of the vessel's positions and to overlay a trace (breadcrumb trail) of their vessel, or fleet of vessels, with their exact current location and precisely where they have been.

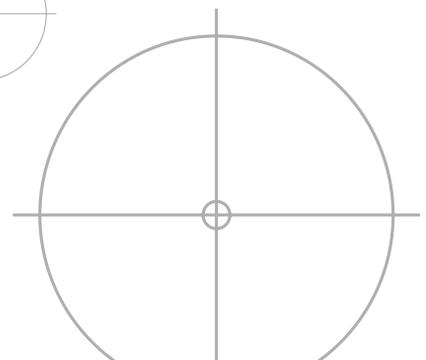
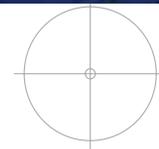
#### Covert Installation

To help ensure a covert installation, GOST NAV-TRACKER can transmit through a half inch of solid fiberglass. This allows the GOST NAV-TRACKER to be installed discretely on board to prevent tampering.

Some insurance companies now require GPS tracking devices, like the GOST Nav-Tracker, to be installed on high performance boats and boats with high-horsepower outboards. Many insurance companies now offer discounts on annual premiums for vessels with GOST security, monitoring, tracking or surveillance systems on board.



**View Vessel Tracking History  
over Google or Bing Maps**



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## GOST GPS Satellite Tracking

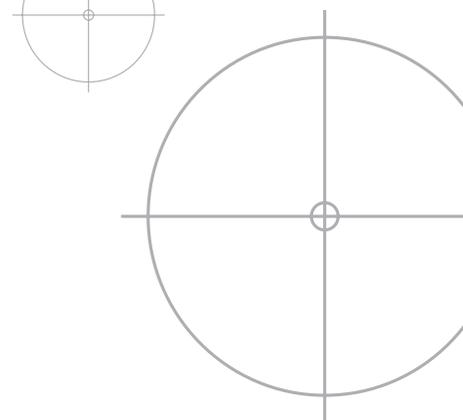
### GOST NAV-TRACKER Systems Overview

**GOST Nav-Tracker 1.0:** The most basic version in the Nav-Tracker family of tracking systems is designed for customers primarily interested in tracking. The unit has an optional panic button to alert designated message recipients that there is a problem and an optional arm/disarm button to control the geo-fence on board. This unit meets insurance requirements for tracking.

**GOST Nav-Tracker 3.0 VMS:** This vessel monitoring system is designed specifically for the harsh marine environment. It offers global remote accessibility and includes a lead acid battery back-up. The system will also send a monitoring report when power is cut or lost and switches to the back-up battery.

**GOST NT-Evolution 2.0:** Designed specifically for the harsh marine environment, the GOST NT-Evolution 2.0 is water resistant, offers global remote accessibility & includes a battery back-up. This system utilizes the 5th generation GOST Nav-Tracker website and the ultra-reliable Inmarsat Satellite Constellation for all communication & control. The GOST NT-Evolution 2.0 can accommodate up to 64 wireless marine security & monitoring sensors and 5 wireless relays to remotely control any AC or DC function on board. This version of the NAV-TRACKER meets insurance requirements for tracking and additional insurance premium discounts may be available for security and monitoring aspects of the system.

**GOST Phantom Nav-Tracker:** The system is designed to wirelessly communicate with any of the GOST Phantom or GOST Insight HD systems. This system meets insurance requirements for tracking, and additional insurance premium discounts may be available for security and monitoring aspects of the system.

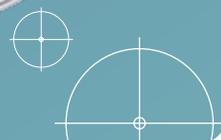




## GOST GPS Satellite Tracking

### GOST Nav-Tracker 1.0

The most basic version in the Nav-Tracker family of tracking systems is designed for customers primarily interested in tracking. A water resistant latching push button is available that can be used as either a panic button or a geo-fence arm/disarm button. This unit meets insurance requirements for tracking and was originally created at the request of the insurance companies as a low cost GPS tracking system for their customers. Many insurance companies offer discounts for customers who install ANY GOST NAV-TRACKER system on their vessel. The GOST NAV-TRACKER 1.0 uses the same technology and website as other GOST NAV-TRACKER versions. Available with 30ft, 60ft, or 90ft cable.



- GNT-1.0-30**
- GNT-1.0-60**
- GNT-1.0-90**

### GOST Water Resistant Latching Push Button GNT-1.0-Push-Button

The GNT-1.0-Push-Button is an IP67 Rated water resistant latching push button (push on – push off). The push button can be used both as a covert geo-fence arm/disarm button and/or a panic button.



When used as an arm/disarm button it will control the geo-fence on board the vessel.

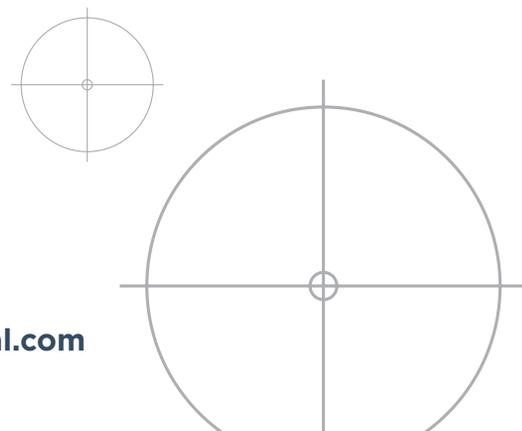
When used as a panic button, the GOST Nav-Tracker will send 'in alarm' messages with the vessels name, latitude, longitude, speed & heading. It will continue to do so at whatever interval is selected on the website (2 to 30 min) until the user presses it again, at which time it will send the same information with the message 'alarm cleared'. The messages will be sent to the website and to any designated message recipients as an email or text message. This feature is very useful on jet skis or other small watercraft when users run out of fuel, get lost, get into trouble or cannot get the jet ski started after a spill.

### **NEW** GOST Nav-Tracker 1.0 Insurance Package

These packages offer basic GPS satellite tracking with a push button to arm/disarm the geo-fence on board and are designed to meet insurance requirements. An L-bracket for installation is also included. Available with 30ft, 60ft, or 90ft cable.

- GNT-1.0-30-Ins**
- GNT-1.0-60-Ins**
- GNT-1.0-90-Ins**

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## Globally Capable Vessel Monitoring, & Satellite Tracking System

- Designed specifically for the harsh marine environment, the GOST Nav-Tracker 3.0 VMS is water-resistant, offers global remote accessibility & includes a lead acid battery back-up. The system will also send a monitoring report when power is cut or lost and switches to the back-up battery.
- View, track, and monitor any number of vessels within your fleet via the GOST Nav-Tracker website. Visible and audible alarms will alert you when an alarm on a vessel has been triggered. Different users can also be set up to have different access levels.

The GOST Nav-Tracker 3.0 VMS offers a marine grade, water resistant, security, monitoring and tracking system. It provides global arm/disarm & relay control over satellite from anywhere in the world with the reassurance of a lead acid battery back-up. The system is designed to track and monitor assets that require a ruggedized, water-resistant, vessel monitoring and tracking system. Easy-to-install sensors can be monitored and the system can be controlled remotely from nearly anywhere in the world.

The GOST Nav-Tracker 3.0 control unit provides a full battery backup to the award-winning GOST Nav-Tracker Inmarsat satellite-based tracking antenna in the event power to the unit is cut off. The unit also features tamper proof screws and an internal contact sensor to prevent tampering.

Designed to “Prevent the Event,” potential thieves will often abandon the vessel immediately on alarm, prior to stealing electronics, equipment or the vessel itself.

The GOST Nav-Tracker 3.0 uses the 5th generation GOST Nav-Tracker website and the ultra-reliable Inmarsat Satellite Constellation for all communication & control.



### VOLTAGE REQUIREMENTS

- Input Voltage: 10-32VDC
- Short Circuit protection: Thermally Fused
- Average Current Draw @ 12VDC when battery backup is charged = 120mA
- Average Current Draw @ 12VDC when battery backup is charging = 800mA
- Time to Charge lead acid battery backup: Approximately 5 hours



## Globally Capable Wireless Marine Security, Monitoring & Satellite Tracking System

- Designed specifically for the harsh marine environment, water resistant, offers global remote accessibility and includes a battery back-up
- Uses the 5th generation GOST Nav-Tracker website and the ultra-reliable Inmarsat Satellite Constellation for all communication & control
- Up to 64 wireless marine security & monitoring sensors and 5 wireless relays to remotely control any AC or DC function on board

The GOST NT-Evolution 2.0 was developed to offer a marine grade, water resistant, wireless security, monitoring and tracking system. It provides global arm/disarm & relay control over satellite from anywhere in the world with the reassurance of a battery back-up. This system ideal for high end center consoles, go-fast boats & any other assets that require a ruggedized, water resistant security, monitoring & tracking system. Easy-to-install, wireless sensors can be monitored and the system can be controlled remotely, no matter where the vessel is located globally, with the exception of the most extreme poles.

A modified GOST Phantom control unit is at the core of the system. It provides the logic for all the wireless sensors, outputs, and key fobs, while supplying a full battery backup to the award winning GOST Nav-Tracker antenna in the event power to the unit is cut off.

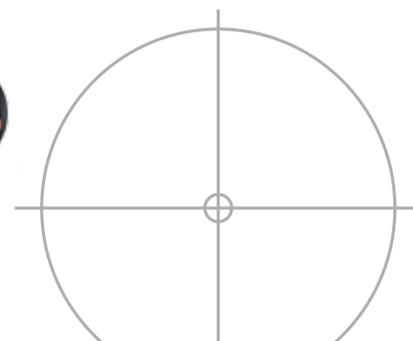
An extensive range of up to 64 wireless sensors can protect & monitor your vessel while 5 wireless relays allow you to control any AC or DC function on board, or activate other devices when the system goes into alarm, such as external sirens, strobes, or pulse deck or cockpit lights. Designed to “Prevent the Event,” the potential thieves will often abandon the vessel immediately on alarm prior to stealing electronics, equipment or the vessel itself.

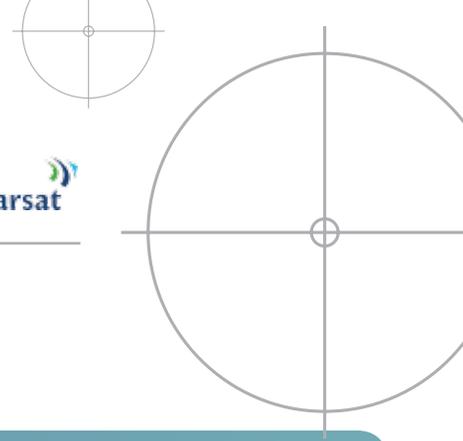
The GOST NT Evolution 2.0 uses the 5th generation GOST Nav-Tracker website and the ultra-reliable Inmarsat Satellite Constellation for all communication & control. There is also an optional built-in quad band GPRS/GSM Module for enhanced simultaneous voice and text message reporting and control within GSM cellular range. A SIM card would need to be added for this function, but it is not required for operation of the system.

The GOST NT-Evolution 2.0 includes the GOST Nav-Tracker Antenna with integrated GPS Receiver and two-way Inmarsat Satellite Modem, the GOST Nav-Tracker Evolution 2.0 Control Unit with internal modified GOST Phantom Control Unit with built-in quad band GPRS/GSM Module inside an IP Rated Enclosure with internal battery backups for both the Phantom & Nav-Tracker Antenna.



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## NT-Evolution 2.0 Security & Monitoring Global Remote “Peace of Mind” Package

The GOST NT-Evolution 2.0 Security, Monitoring & Satellite Tracking Package includes the GOST NT-Evolution 2.0, two wireless remote key fobs, a set of wireless dual optical infrared beam sensors, a mini siren, high intensity strobe, a high water sensor and a pull sensor. Protect your vessel from theft and make it impossible for your vessel to leave the dock or the back of your yacht without setting off the siren and strobe. The system will also alert you if someone disconnects the vessel’s batteries, if the battery voltage is getting low or if the vessel starts to take on water.



1 each GOST NT-Evolution 2.0



1 each GMM-IP67-IBS2-Siren Out  
Infrared Beam Sensors  
*with output for siren & strobe*



1 each GMM-IP67-Pull-25  
Pull Sensor



1 each GA-Mini-Siren  
Water Resistant Mini Siren



2 each GMM-KF2  
Wireless Remote Key Fobs



1 each GMM-IP67-HWS  
High Water Sensor



1 each GA-Strobe-White/Red  
High Intensity Strobe

### VOLTAGE REQUIREMENTS

- Input Voltage: 10-32VDC
- Short Circuit protection: Thermally Fused
- Average Current Draw @ 12VDC when battery backup is charged = 120mA
- Average Current Draw @ 12VDC when battery backup is charging = 800mA
- Time to Charge battery backup: Approximately 5 hours



**Honorably awarded a medal  
from the U.S. Coast Guard for our  
assistance in vessel recoveries**



## GOST Surveillance System

### GOST Watch HD 3G System

Remote monitoring of all activities on board the vessel can be done from any computer or with iPhone and Android apps from anywhere in the world. Watch live video of the yacht as it leaves the harbor or view activities in the salon, staterooms or engine room. Cameras can be set to record clips to the website based on motion detection and sent via email or text message.

The GOST Watch HD IVR (Internet Video Recorder) is similar to a traditional DVR with the added advantage of being accessible either locally or remotely via the internet. The 1 Terabyte IVR features looped recording of up to 6 cameras for up to 3 months\* (24/7/90\*). View full motion live or recorded video from up to 6 cameras simultaneously, either locally or remotely over the internet. Archived clips can be downloaded to a computer and burned onto DVDs.

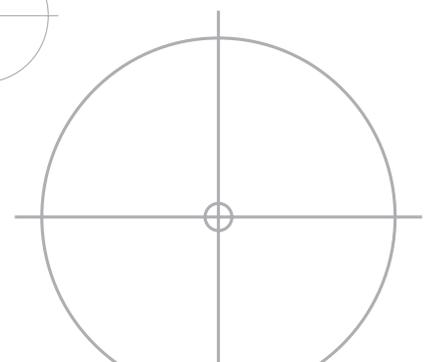
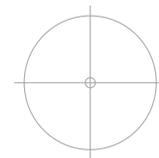
\*IVRs utilize an advanced MPEG4 compression, whereby the more activity you have in front of the camera being recorded, the more storage space it utilizes. When landscapes in view of the camera have little activity the IVR may have storage capacity for more than 3 months. Recording time may be diminished in very high activity applications, such as cameras looking out at a busy marina with constant shimmering water in view.

The GWHD A/D Gateways install in minutes and can be connected to any standard analog camera with a BNC connector. The GOST Watch HD can be used as a stand alone surveillance system or as part of the GOST Insight HD System. A variety of cameras are available for purchase from GOST, or the system can be an easy add-on to existing cameras on board.

## GOST WATCH HD Apps



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## GOST Watch HD Packages

### GOST Watch HD 3G Package GWHD-3G

HD Surveillance with high speed internet connection with G3G-GSM Series Cellular Communicator

The GOST Watch HD 3G Package includes everything needed to remotely monitor all activities on board the vessel from any computer or smartphone with internet access, anywhere in the world. Watch live video of the yacht as it leaves the harbor or view activities in the salon, staterooms or engine room from any computer or mobile phone with internet access. Cameras can be set to record clips to the website based on motion detection and sent via email or text message. The system can accommodate up to 6 cameras per login.



1 each GOST Mini Ball Camera



1 each G3G-GSM Series Cellular Communicator



1 each GWHD-A/D-Gateway Analog-to-Digital Gateway

### GOST Watch HD 3G IVR Package GWHD-3G-IVR

HD Surveillance with high speed internet connection with G3G-GSM Series Cellular Communicator

The GOST Watch HD 3G IVR Package includes all the features of the GOST Watch HD 3G Package and adds the GOST Watch HD IVR 1TB. This allows looped recording of up to 6 cameras for up to 90\* days (24/7/90\*). View full motion live or recorded video from up to 6 cameras simultaneously, either locally or remotely over the internet. Archived clips can be downloaded to a computer and burned onto DVDs.



1 each GOST Mini Ball Camera



1 each G3G-GSM Series Cellular Communicator



1 each GWHD-A/D-Gateway Analog-to-Digital Gateway



1 each GWHD-IVR-1TB 1TB Internet Video Recorder

\*Actual recording time may vary depending on what is in view of the cameras being recorded.



## KVH TracPhone® V-series

### Staying in Touch, While Out on the Water

Fast and reliable Internet access and crystal-clear voice calls are essential for yachts that travel outside of cellular coverage areas. KVH's TracPhone V-series antenna systems, designed to work exclusively with KVH's mini-VSAT Broadband<sup>SM</sup> network, provide only the best - delivering broadband at sea the way it was meant to be. The world's No. 1 maritime VSAT network, mini-VSAT Broadband was designed from the ground up to be a next-generation network, utilizing spread spectrum technology to ensure fast data speeds and global coverage, all delivered via a sleek and extremely compact onboard terminal. The groundbreaking technology also ensures affordable airtime rates, as there is efficient use of precious bandwidth.

### Easy Onboard Connectivity with TracPhone Systems

The ultra-compact TracPhone V3IP, the rugged TracPhone V7IP, and the truly global TracPhone V11IP offer a satellite communications solution for every vessel, no matter where it may cruise or no matter what its data needs. Onboard terminals that range from only 39 cm (15.5 inch), to 66 cm (26 inch), to 1.2 m (49 inch) diameter are easy to install, and ensure always-on broadband data connections, global coverage, crystal-clear voice calls, and affordable airtime rates.

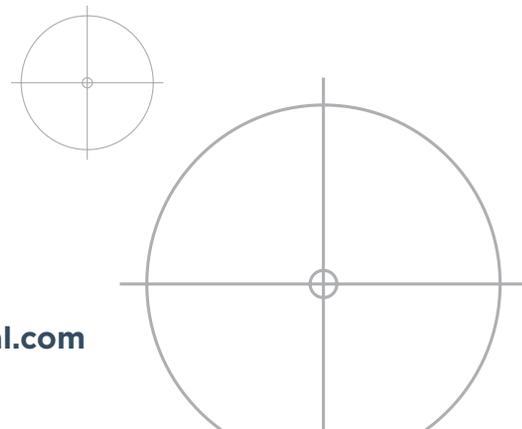
### Stream Live Video Onboard Your Yacht from Anywhere in the World

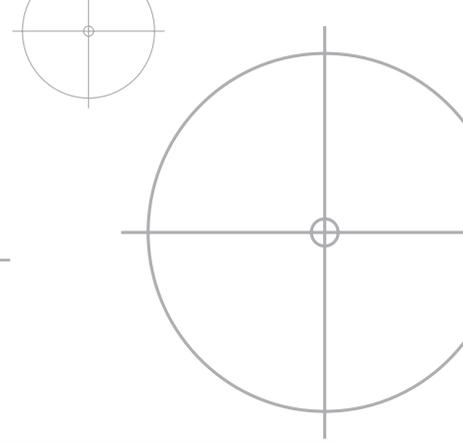
TracPhone V-series antenna systems can be integrated with GOST Watch HD 3G video surveillance systems, allowing customers to stream live video via satellite from on board the vessel. GOST Watch HD TracPhone VIP Series Packages provide high definition, remote video surveillance from anywhere in the world using a high speed internet connection through the KVH TracPhone VIP series. This series utilizes KVH's mini-VSAT Broadband network for use when the boat is offshore, and it works with a GSM/CDMA cellular data communicator for use when in cellular coverage areas. The TracPhone VIP Series has a pre-configured intelligent "best use" network management switch that will automatically prioritize cellular data via the GOST G3G-GSM Series communicator when inside cellular range.

Several packages are available to meet the needs of yacht owners and crews which combine the KVH and cellular data modules with the assorted line of GOST cameras and IVR recorders accessible over the internet. Watch live video of the yacht as it leaves the harbor or view activities in the salon, staterooms or engine room via the GOST Watch HD website or iPhone and Android apps. Cameras can be set to record clips to the website based on motion detection and sent via email or text to the designated recipients. Camera motion detection can be armed and disarmed by using an included push button.

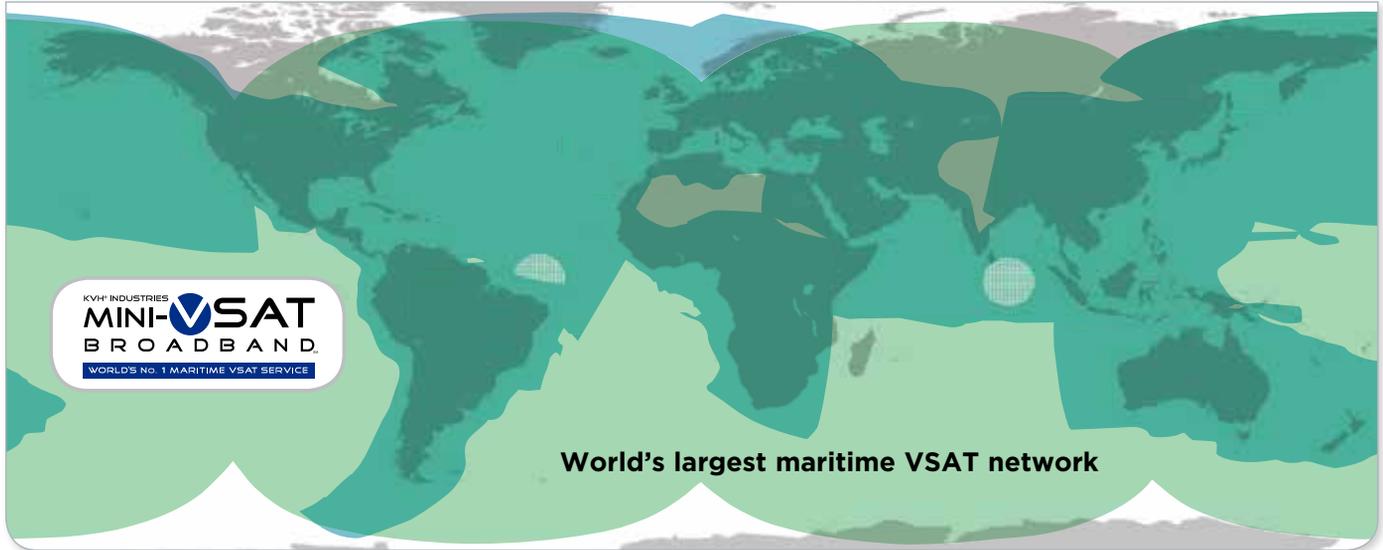


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## mini-VSAT Broadband<sup>SM</sup> Coverage Map



■ **Ku-band Coverage Only** (TracPhone V3IP,\* V7IP, V11IP) ■ **C-band Coverage Only** (TracPhone V11IP) ■ **Ku-band Coverage with C-band Overlay Coverage**

\* The TracPhone V3IP is a 2-axis, stabilized antenna that does not provide coverage when directly at the equator, as shown in the hatched areas above. This map depicts KVH's expectations for mini-VSAT Broadband's coverage; actual coverage and availability may vary. Data rates may also vary in different regions. Go to [www.kvh.com/minivsatmap](http://www.kvh.com/minivsatmap) to view our coverage map and for complete details. KVH provides no guarantees of satellite coverage or availability.

## TracPhone<sup>®</sup> VIP Series – a solution for every need



	TracPhone V3IP	TracPhone V7IP	TracPhone V11IP
<b>Antenna Dish Diameter</b>	36.8 cm (14.5")	60 cm (24")	1.1 m (42.5")
<b>Antenna Unit - Diameter x Height</b>	39.4 cm x 44.7 cm (15.5" x 17.6")	66.3 cm x 79.2 cm (26.1" x 31.2")	1.2 m x 1.4 m (48.8" x 57.3")
<b>Antenna Unit Weight</b> <i>(Dish + Radome)</i>	11.3 kg (25 lbs)	26.1 kg (57 lbs)	109 kg (240 lbs)
<b>Antenna Type</b>	Ku-band	Ku-band	Dual-mode C/Ku-band
<b>Elevation/Azimuth Range</b>	7.5° to 75° / 720° rotation	-24° to +119° / 720° rotation	-24° to 119° / 720° rotation
<b>Maximum Download Speed<sup>1</sup></b>	2 Mbps	2 Mbps	4 Mbps
<b>Maximum Upload Speed<sup>1</sup></b>	128 Kbps	1 Mbps	1 Mbps
<b>Coverage</b>	Seamless worldwide regions	Seamless worldwide regions	Global except Arctic Regions
<b>Airtime Rate Plans</b>	Metered plans starting at \$0.99/MB	Metered plans starting at \$0.99/MB and fixed and unrestricted speed-based plans	Metered plans starting at \$0.99/MB and fixed and unrestricted speed-based plans

<sup>1</sup>Published data speeds are maximum speeds and may vary in different regions and under different conditions.

## GOST Watch HD TracPhone VIP Series Packages



### GOST Watch HD TracPhone VIP Series Packages

High Definition Surveillance with high speed internet connection through the KVH TracPhone VIP Series.

The new GOST Watch HD TracPhone VIP Series Packages include everything needed to remotely monitor all activities on board the vessel from anywhere in the world over the internet via computer or smartphone. Watch live video of the yacht as it leaves the harbor or view activities in the salon, staterooms or engine room via the GOST Watch HD website or iPhone and Android apps. Cameras can be set to record clips to the website based on motion detection and sent via email to the designated recipients. Camera motion detection can be armed and disarmed by using the included push button. The system can accommodate up to 6 cameras per login. The KVH TracPhone VIP series has a pre-configured intelligent “best use” network management switch that will automatically prioritize cellular data via the GOST G3G-GSM-CDMA module when inside range, and it will automatically switch the data feed to the KVH VSAT pipe when the boat is outside cellular coverage.



1 each KVH TracPhone VIP Series Antenna w/Integrated CommBox Modem (ICM)



1 each GNT-1.0-Push

1 each GWHD A/D Gateway



1 each G3G-GSM-CDMA

### GOST Watch HD TracPhone VIP Series Xtreme Packages

High Definition Surveillance with high speed internet connection through the KVH TracPhone VIP Series with a GOST Xtreme Stainless Steel camera.

The new GOST Watch HD TracPhone VIP Series Xtreme Package includes everything needed to remotely monitor all activities on board the vessel over the internet via computer or smartphone, with the addition of a GOST Xtreme Mini Dome Stainless Steel Camera. This water resistant, low light camera can be surface or flush mounted and comes standard with a 3.6mm lens, providing a 90° degree view. The stainless steel housing is backed by a 15-year warranty with a 3 year warranty on the internal camera.

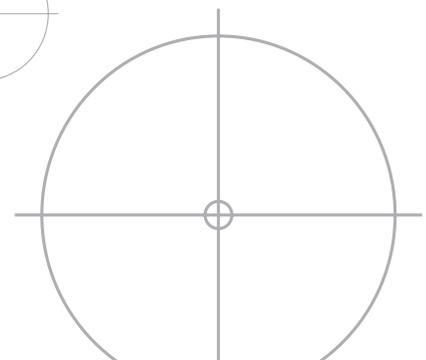
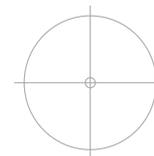
**Package includes:**

KVH TracPhone VIP Series Package, and adds:



1 each GOST-Xtreme-Mini-Dome-SS

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## GOST Watch HD TracPhone VIP Series Packages

### GOST Watch HD TracPhone VIP IVR Packages

High Definition Surveillance with high speed internet connection through the KVH TracPhone VIP Series with a 1TB IVR.

The new GOST Watch HD TracPhone VIP Series IVR Packages includes all the features of the GOST Watch HD TracPhone VIP Series Package and adds the GOST Watch HD IVR 1TB. The GWHD-IVR-1TB features looped recording of up to 6 cameras for up to 3 months\* (24/7/90\*). It also features simultaneous viewing of full motion live or recorded video from up to 6 cameras, either locally or remotely over the internet. Archived clips can be downloaded to a computer and burned onto DVDs. Camera motion detection can be armed and disarmed by using the included push button. The system can accommodate up to 6 cameras per login.

**Package includes:**

KVH TracPhone VIP Series Package, and adds:



1 each GWHD-IVR-1TB

### GOST Watch HD TracPhone VIP Series IVR Xtreme Packages

High Definition Surveillance with high speed internet connection through the KVH TracPhone VIP Series with a 1TB IVR and a GOST Xtreme Stainless Steel camera.

The new GOST Watch HD TracPhone VIP Series IVR Xtreme Package includes all the great features of the GOST Watch HD TracPhone VIP Series Package and adds the durable GOST Xtreme Mini Dome Stainless Steel Camera and a GOST Watch HD IVR 1TB. The GWHD-IVR-1TB features looped recording of up to 6 cameras for up to 3 months\* (24/7/90\*). It also features simultaneous viewing, either locally or remotely over the internet, of full motion live or recorded video from up to 6 cameras. Archived clips can be downloaded to a computer and burned onto DVDs.

**Package includes:**

KVH TracPhone VIP Series Package, and adds:



1 each GOST-Xtreme-Mini-Dome-SS



1 each GWHD-IVR-1TB

\*Actual recording time may vary depending on what is in view of the cameras being recorded.



## Video Streaming with FLIR® M-Series

### GOST Watch HD Integration with FLIR® M-Series Premium Thermal Night Vision System

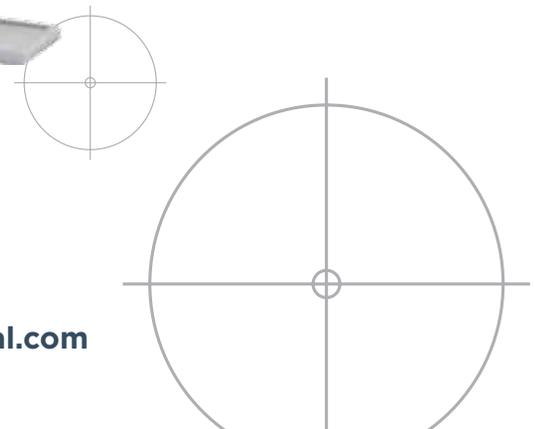
Yachts equipped with a FLIR M-Series cameras can now remotely access and stream video surveillance with an easy-to-use, web-based pan, tilt, zoom (PTZ) and mode control interface via the GOST Watch HD website. The website features an on-screen puck that allows users to remotely control their FLIR M-Series camera on board just as if they were at the helm with the puck in hand. The IP-based integration also includes a one touch “Surveillance Scan” button to instantly perform a peripheral sweep of the area immediately surrounding the vessel. GOST Watch HD allows users to remotely monitor up to six analog cameras at a time to capture activity on board and around a vessel from anywhere in the world over the internet. GOST Watch HD apps allow customers to access and view their cameras with the touch of a button from their iPhone or Android.

Together, GOST and FLIR have made it easy to integrate the two systems. Simply place an M-Series camera on the same IP network as our GOST Watch HD Analog to Digital Gateway (GWHD-A/D Gateway) and change the appropriate settings. The award-winning M-Series is FLIR’s premier line of maritime thermal night vision systems. Single-payload (thermal only) and dual-payload (thermal and lowlight or color video) M-Series are housed in a rugged, waterproof gimbal enclosure with 360° pan and 90°.

Add a GWHD-1TB-IVR (Internet Video Recorder) to the GOST Watch HD system to continuously record and store up to 90\* days of video from up to six analog cameras, including a FLIR M-Series camera. It is similar to a traditional DVR with the added advantage of being accessible either locally or remotely via the internet. The 1 Terabyte IVR features looped recording of up to 6 cameras for up to 3 months\* (24/7/90\*). View full motion live or recorded video locally or remotely over the internet. Archived clips can be downloaded to a computer and burned onto DVDs.



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## Premium Multi-Sensor Maritime Thermal Night Vision System

The M-Series pan/tilt re-defines maritime multi-sensor system design, drawing on FLIR's 25 years of experience in building combat-proven airborne and maritime thermal imagers for militaries, Coast Guards, and governmental agencies around the world. If you want to use a tougher, better-performing FLIR, you'll have to join the Special Forces.

With up to 640x480 thermal imaging, M-Series cameras provide four-times the thermal resolution and more than twice the range performance compared to other systems. M-Series cameras let you see more - and see farther - than ever before. Even in the dead of night.

**Clearer, most detailed thermal imagery** - M-Series cameras deliver up to four-times the resolution of other systems, giving you clear, sharp images with detail you never thought possible in such an affordable thermal night vision system.

**More than double the detection range** - The new M-series systems use the latest generation of thermal imagers from FLIR. Featuring the highest sensitivity, and more than double the range performance of current systems, M-Series cameras let you see more - and see farther - even in the dead of night. M-Series systems are offered with either standard resolution or high resolution thermal imagers.

**Optional lowlight TV camera** - Provides enhanced navigational abilities during twilight hours, when operating along intracoastal waterways, and near harbor entrances. Anywhere you can see a little, the lowlight camera will help you see more.

**Color on-screen symbology** - Part of FLIR's exclusive Accu-Point control and display technology, M-Series cameras have detailed, 3D color on-screen symbology that gives you instant access to system status, position, and configuration.

### Features:

- Automatic window heaters keep both sets of optics free of ice to deliver crystal clear video.
- 2X and 4X e-zoom functions give the thermal camera best-in-class range performance.
- 3-year warranty for added protection when you register your M-Series.
- Simple Ethernet connections and IP addressability make the system simple to install and easy to control.
- Proprietary, patent-pending, image enhancement algorithms called Digital Detail Enhancement (DDE) let all of FLIR's front-line products see more in the most challenging conditions.
- Standard video signal displays on any monitor with an auxiliary video input.
- Watch thermal and low-light video simultaneously on multiple displays or single multi-function display.

\*Actual recording time may vary depending on what is in view of the cameras being recorded.





## Analog to Digital Gateway

### GWHD-A/D-Gateway

Analog to Digital Single Channel Video Gateway converts any analog camera into an IP camera. If the vessel already has existing analog cameras on board, one can easily tap into them and simply pass the analog signal through, not interfering with the camera's original purpose.

- Adaptive technology networking allows easy, reliable installation. Plug the CAT5 cable into the network switch on board, and the camera will automatically adapt to the network regardless of service and modem type. The video camera will auto configure through the network to the GOST Watch HD server & website.
- High-Res. video images of 704 x 480 lines of resolution max. using advanced MPEG4 data compression
- Fast 30FPS video viewing\* on the GOST Watch HD website, accessible on virtually any computer, smartphone or other web-enabled device in the world
- Seamlessly integrate with GOST Phantom or other 3rd party systems with an input trigger to prompt the transmission of video clips to the GOST Watch HD server and website. Users can send clips out as email and/or text message to their contacts when it is activated.
- Advanced pixel-based motion detection capability
- Video output for optional local viewing on vessel's chart plotter, TV or other monitor on board, or for local distribution on all of the above using a video modulator
- Dynamic IP support through the GOST Watch HD server & website
- Scalable video storage space on GOST Watch HD server & website, (50MB per device i.e. camera or IVR) for motion detection or alarm activation events in clients password-protected account

### Specifications:

- 1 Video Input, NTSC/ PAL auto detect & 1 Video Output
- Video Compression: MPEG-4/ M-JPEG Dual Stream simultaneously
- Resolution: 4CIF, CIF, QCIF
- Max: 704 x 480 (NTSC) / 704 x 576 (PAL)
- Default: 352 x 240 (NTSC) / 352 x 288 (PAL)
- Min: 176 x 120 (NTSC) / 176 x 144 (PAL)
- Frame Rate\*: Up to 30 frame per second in all resolution, internet service dependent
- Video Trigger Input
- Motion Detection: 4 Detection Areas with individual sensitivity controls
- LAN: DM9102D, 10/100BaseT, Auto-MIDX
- LED Indicators: Ready, Active, Network
- Connectors: Ethernet RJ-45, Power, Reset, Composite Video In, Composite Video out
- External Power Adapter: 12V/1A, 100-240 VAC, Switching
- Certification: CE/ FCC
- Dimensions: 90mm (W) x 30mm (H) x 140mm (L)
- Operation Environment
- Temperature: 0-40 °C
- Humidity: 20-80% RH

\* Up to 30 frame per second in all resolution, internet service dependent

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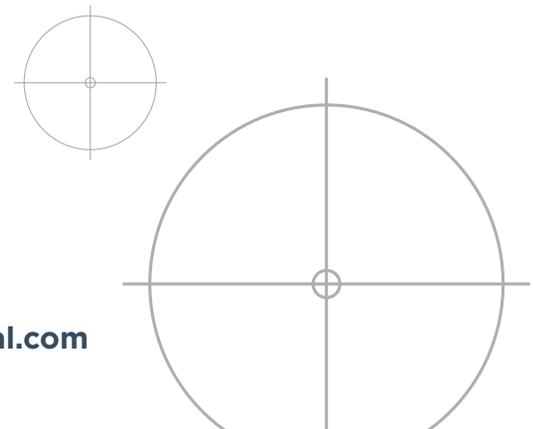
- Includes LED indicators for Network, Active and Power
- Also BNC connections for video In and optional video out for local use



### • GOST WATCH HD TRIGGER INPUT OPTIONS:

The GOST Watch HD system can be configured for a variety of video motion recording options. These options are configured by your Marine Electronics Dealer according to your requests. The GOST Watch HD can be set to record video clips 24/7 of every motion event that happens on board your boat.

- ETHERNET (left) Connection to CAT5 cable from broadband modem or network to RJ-45 terminal.
- POWER (right) Plug in 12VDC transformer, supplied.



### GWHD-IVR-1TB (Internet Video Recorder)

Record up to 90 days of continuous video playback and control online, installed with plug-and-play ease.

The GOST Watch HD IVR 1TB Internet Video Recorder (GWHD-IVR-1TB), will continuously record and store up to 90\* days of video from up to six cameras, for easy retrieval and viewing on the GOST Watch HD website. This highly advanced IVR supports high-resolution video from any GOST or 3rd party analog cameras connected to the GOST Watch HD Analog to Digital Gateways (GWHD-A/D-Gateway).

Video is stored at the highest resolution produced by this units: VGA RES (704 X 480) at up to 30 FPS using custom MPEG4 Compression. Up to four cameras' video can be continuously recorded at the fastest frame rate of 20 FPS (frames per second). If the maximum of 6 cameras are used, the frame rate will be only slightly reduced dynamically. (Maximum storage capacity may be increased in cases where there is little activity in front of the camera as the IVR uses custom MPEG4 compression technology).

The GOST Watch HD IVR is connected to the same local network as the cameras while collecting the video, so it works without using the data from onboard cellular or satellite based internet connections. While the GWHD IVR provides local storage for added protection, the video can be remotely accessed, viewed or downloaded through the password-protected GOST Watch HD website. The website offers user-friendly navigation aids, quick-review/locate/calendar-lookup tools, time/date stamped video and an easy-to-use file export utility. It is possible to log in to the IVR on board through the website, and stay connected through the IP address if the internet connection is lost.

#### Specifications:

##### Recording

Video Channels: Up to 6 cameras or 120 frames/sec max at 720x480

Capacity: Up to 90\* days with the GWHD 1TB with max of 6 cameras 24/7 (Variable frame rate ~20fps).

Recording Mode: Continuous

File Format: MPEG-4

Internet: Recording is maintained even if internet connection is not available. If the local network is available the system will continue to store video.

Playback: Playback and other functions available via GOST Watch HD website.

Playback Mode: PLAY, PAUSE, FWD, REW, STOP

Video Search: Search by date, time, alarm events

Video Clip Export: Recorded files can be downloaded to the client's PC from the website and burned to DVD's.

##### Live View

Video Compression: MPEG-4

Resolution: Same as the configured resolution of the cameras

Frame Rate: Up to 30 fps x camera

Protocols: TCP/IP, SMTP, HTTP, DHCP, NTP, RTSP/RTP

IP Configuration: DHCP Client, Static IP.

Plug and Play: Yes

##### Software

Operating System: Embedded Linux

Client Support: Any Browser and Operating system via GOST Watch HD website

Security: Username and Password SSL Authentication

*\*Actual recording time may vary depending on what is in view of the cameras being recorded.*

##### Hardware:

CPU: Marvell 88F5182, 500MHz

Flash: 16 MB

SDRAM: 64 MB

HDD Interface: Support two 3.5" STAT-II drives (Ships with pre-installed 1TB HD)

LAN: Marvell 88E1118, GIGA PHYRGMII, 10/100/1000 BaseT, Auto-MDIX

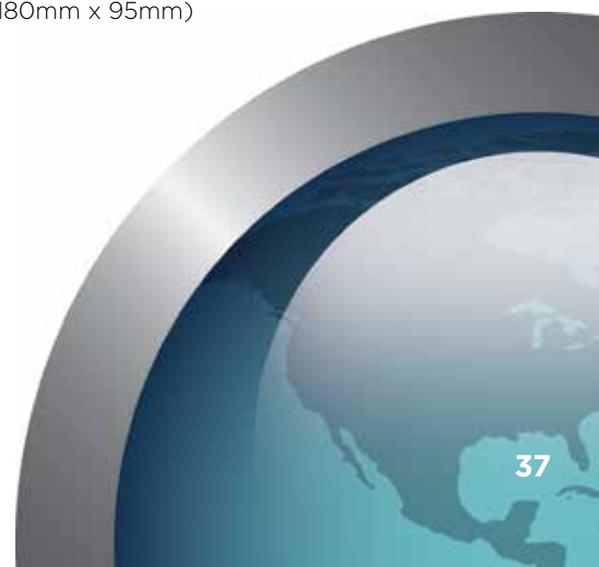
LED indicators: Ready/Status, Ethernet, Disk Act, Disk Full, Disk 1, Disk 2, USB 1, USB 2

Connector: Ethernet RJ-45, 2xUSB, DC Power, Reset, Power Switch

Power Adapter: 12V/5A, 100~240 VAC

Certification: CE/FCC

Dimension: 7.5" (W) x 7.1" (H) x 3.75" (L) (190mm x 180mm x 95mm)





## Water Resistant Analog Cameras

### Xtreme Mini Dome Stainless Steel Camera

#### GOST-Xtreme-Mini-Dome-SS

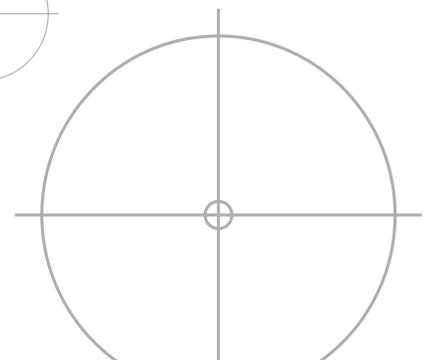
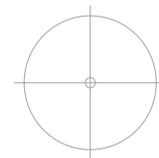
The GOST Xtreme Mini Dome is a super low light tiny dome camera machined from a solid block of highgrade 316L Stainless Steel, hand polished to a mirror finish. The GOST Xtreme Mini Dome can be surface or flush mounted and comes standard with a 3.6mm lens which provides a 90° degree view.

The Xtreme Mini Dome has been designed for extremely harsh environments for both internal and external use. The Xtreme Mini Dome has passed several controlled experiments by independent bodies to test its strength and has always exceeded expectation. The stainless steel housing is backed by a 15 year warranty with a 3 year warranty on the internal camera. This extreme camera is ideal for yachts, commercial vessels, oil rigs or any other marine, coastal or other area where severe conditions exist.

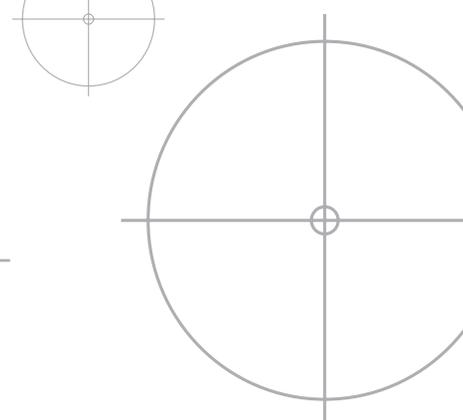


#### Technical Specification & Features:

- 1/3" Sony Super HAD Color 3D-DNR
- High Resolution 600TV Lines Color, 700TV Lines B/W
- 3.6 mm Fixed Lens
- Mirror Dome Standard, Clear dome option
- Day & Night Capability with High Sensitivity
- 0.00019Lux in full color
- Sens-up ( x 256)
- Machined from Solid Block of 316L Stainless Steel w/Mirror finish
- IP67 Rated Certification
- Power DC 12V, 90mA
- Ultimate 3 Axis Gimbal
- Complete as flush & surface mount
- On screen display (OSD) Controls to adjust camera settings & even reverse the image to make it a back up camera for use when docking the vessel with visibility of the aft deck.



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## Water Resistant Analog Cameras



### Mini Analog Camera GOST-Mini-Ball

The miniature GOST Mini-Ball camera is our standard analog camera included with all our GOST Insight HD & GOST Watch HD Packages. This camera is our most discreet yet powerful security solution. Measuring only 2.4 inches in diameter (61mm), this rugged mini camera will not detract from the décor or ambience of the vessel. Its attractive white color housing seamlessly blends in with the interior & exterior of the vessel.

The marinised GOST Mini-Ball camera is tamper proof and water-resistant for interior or exterior mounting. The camera incorporates 540 TV lines in color for high resolution and a 3.6mm fixed lens for outstanding picture quality. A day/night function automatically senses light changes and switches the camera mode from color in bright light to monochrome at night or in low light conditions, via state-of-the-art LED technology. Despite its tiny size, the GOST Mini-Ball camera delivers exceptional security and surveillance monitoring.

The GOST Mini-Ball camera is now available in reverse image (mirror image) to be used as a back up camera when aft view is not visible from helm and wide angle with a 2.8mm lens. These cameras are available in both video standards: NTSC (for most of the Americas) and PAL (for rest of the world).

**Part Numbers Normal View:    Part Numbers Reverse Image:**  
**GOST Mini Ball                    GOST Mini Ball RI**  
**GOST Mini Ball W                GOST Mini Ball W RI**

### Vari-Focal Analog Camera GOST-VF-Ball

The GOST Vari-Focal camera has the same great attractive white color housing as the GOST Mini-Ball and provides higher resolution at night. 36 infrared LEDs are used for day/night function. State-of-the-art LED technology automatically senses light changes and switches the camera mode from bright light to monochrome at night or in low light conditions. This high resolution camera features 700 TVL and a 2.8 -10 mm lens, allowing the user to set the zoom where it is most appropriate and easily adjusts when necessary. This advanced camera includes a OSD Menu cable to adjust camera settings and switch camera to reverse image during install right on the monitor. This camera is available in both NTSC & PAL. Measuring only 5.5 inch D (119mm) X 3.97 inch H (82.5mm) inches in diameter, this rugged, tamper proof, water resistant camera will not detract from the décor and ambience of the vessel.





## Indoor Analog Cameras

### Recessed Mount Low-Light Mini Dome Cameras:



#### GOST Wood Mini Dome

The GOST Wood Mini Dome is designed for interior use and manufactured from high-grade aluminum with a wood finish to blend into the background inside of today's yachts. The GOST Wood Mini Dome comes with a three year warranty on both the camera and the housing. GOST Mini Dome cameras come standard with a 3.6mm lens which provides a 90 degree view.



#### GOST Black Mini Dome

The GOST Black Mini Dome is designed for interior use and manufactured from high-grade aluminum with a black finish. The GOST Black Mini Dome comes with a three year warranty on both the camera and the housing. GOST Mini Dome cameras come standard with a 3.6mm lens which provides a 90 degree view.



#### GOST Silver Mini Dome

The GOST Silver Mini Dome is designed for interior use and manufactured from high-grade aluminum with a silver finish. The GOST Silver Mini Dome comes with a three year warranty on both the camera and the housing. GOST Mini Dome cameras come standard with a 3.6mm lens which provides a 90 degree view.

#### Technical Specification & Features:

- 1/3" Sony Super HAD Color 3D-DNR
- High resolution 600TV lines color, 700TV lines B/W
- Day & Night capability with high sensitivity
- 0.00019Lux in full color
- Sens-up (x 256)
- 3.6 mm fixed lens
- Mirror dome standard on Xtreme, with a clear dome option
- Smoked dome standard on the Wood, with a clear dome option
- Power DC 12V, 90mA
- Ultimate 3 axis gimbal
- On Screen Display (OSD) controls to adjust camera settings & reverse the image for use as a back up camera when docking the vessel with visibility of the aft deck.

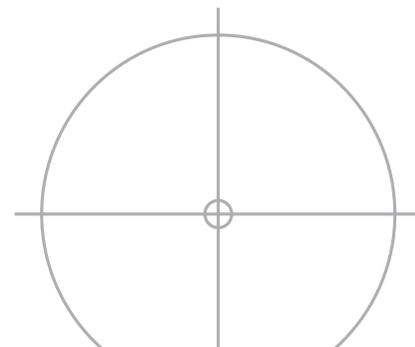
### Recessed Mount LED Mini Dome Cameras:



#### GOST Mini Dome LED

The GOST Mini Dome Camera measuring just 3.14" X 1.10" (80 X 28mm) is a high performance, high resolution, day/night camera which performs very well, even in total darkness, with powerful illumination to provide visibility to objects up to 20 feet away. This also enables the camera to provide the best color images for both normal and low light conditions. It comes in a sleek, attractive design. The GOST Mini Dome camera has Sony Super HAD II CCD with 540 TVL and a 3.6mm fixed iris lens.

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# GOST CLOAK

## Instant Protection

Most property loss occurs in the initial minutes of a break-in, before police or security teams have had a chance to respond. The GOST Cloak system is designed to provide protection in the critical time gap between the alarm's activation and the response team's arrival at the scene. In a matter of seconds, the GOST Cloak fills the protected area with an impenetrable cloud of smoke that prevents the loss of property, confuses the thief, and forces the intruder out of the premises until the response team arrives.

The fog is created by vaporizing a specially formulated triethylene glycol solution. Glycol is classified as a foodstuff and is found in many day-to-day substances such as toothpaste and deodorants. The vapor produced is a dense, white fog which reduces visibility to less than 30 cm, practically 0 visibility, but which, under normal usage, is harmless to anything found on a yacht.

## Safe and easy to use

The GOST Cloak has been designed to integrate easily into any of our security systems, CCTV or access control system. Built-in bracket and plug-in connections make for easy installation. The procedure for setting an alarm fitted with a GOST Cloak is exactly the same as for an alarm system without a GOST Cloak. GOST Cloaks are fully automatic. They are switched on and off (activated and deactivated) via the alarm panel and are triggered by the alarm being activated.

## Reliability

The GOST Cloak System is continuously monitored to ensure that all critical circuits are functioning properly. Maintenance requirements and fault messages are communicated to on-site personnel via the electronic security system.

## Quality

Designed and built under a stringent ISO 9001 Quality Assurance System, every GOST Cloak goes through a series of comprehensive quality assurance checks. In addition to in-house tests, the GOST Cloak system has been evaluated extensively around the world, making it the most tested security fog product on the market.

All GOST Cloak products fully comply with the British Standards on Smoke Security Devices BS7939. The GOST Cloak is backed by a warranty on the machines and a fully comprehensive \$15 Million Dollar worldwide insurance policy, which includes end user public liability coverage.

## Patented heat exchange

The core of the unique GOST Cloak is its patented and revolutionary heat exchanger system, which transfers heat directly to the fluid. Historically the heat exchanger has been the heaviest component in the fog generator. With the new design, the weight has been reduced by 12 kg compared to former product generations.

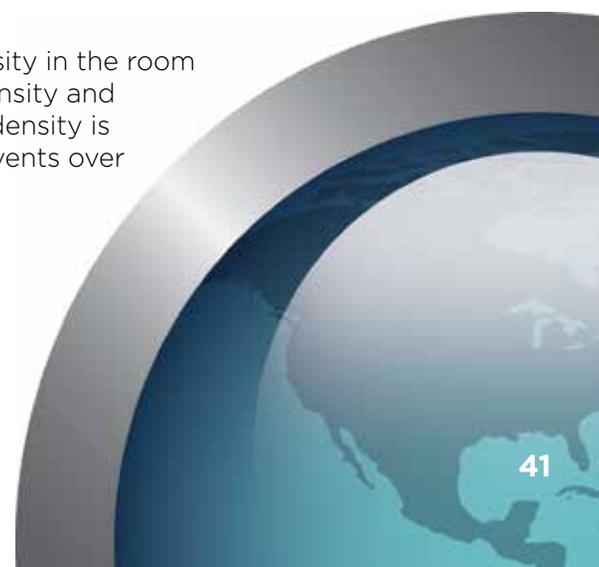
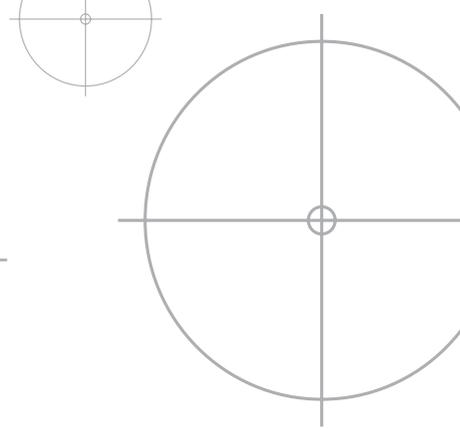
## Fog density sensor included

The patented reactivation system automatically ensures ideal fog density in the room until the alarm is reset. The optical sensor constantly measures fog density and re-activates the GOST Cloak if fog density is reduced. As long as fog density is sufficient the GOST Cloak will not re-activate. This saves fluid and prevents over condensation.

## PC tool for advanced set-up

The fog can easily be adjusted directly on the fog generator or via the newly developed PC program. The program is supplied with the product and can be used on every Windows based PC via the standard USB cable. The PC tool gives access to a wide range of advanced settings, which enable the user to fully adjust the machine for optimal performance.

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## GOST Acoustics

### GOST Acoustic Sound Barriers

#### GA-Barrier/GA-Barrier-Mini

Installation of the GOST Acoustic Barrier cheats the intruder of the few minutes between alarm activation and the arrival of security or police. This protects the secured areas for that crucial period of time.

The GOST Acoustic Sound Barrier causes a person to immediately modify their behavior, typically observed as an autonomic protective response to cover their ears and immediately leave the intensity zone. It has also been used for protecting Russian nuclear weapons, stores, offices, and distribution plants.

As a siren, GOST Acoustic Barrier is unmistakably loud with a unique intolerable attention getting frequency pattern that clearly stands out from background noise.

GOST Acoustic Barriers are most effective when used in pairs or arrays of multiple units.



### GOST Wireless Sirens



#### Water Resistant Siren GA-Siren

GOST Acoustics Standard Dual Tone Water Resistant Siren, 30 Watt



#### Water Resistant Mini Siren GA-Mini-Siren

GOST Acoustics Mini Water Resistant Super Loud Multi Tone marine siren, 125db 20 Watt. Measuring just 3in x 3in x 3in, this mini siren can be installed under the gunwale or virtually anywhere else on the vessel.

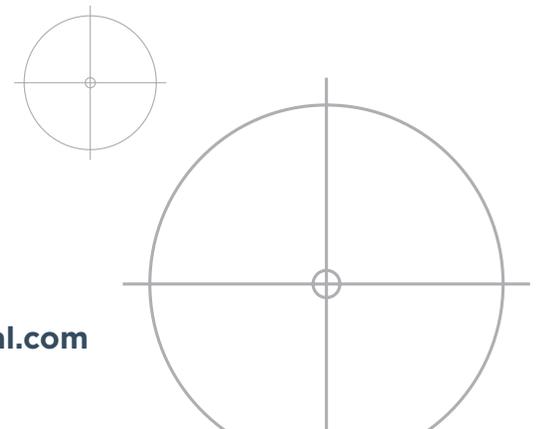
### GOST Strobes



#### Water Resistant Strobe GA-Strobe-White/GA-Strobe-Red

GOST Strobe Lights: Ultra small, self-contained, semi-hemispheric LED light, for surface mount or internal mount within composite head lamps, cornering lamps and tail light assemblies. 25 scan-lock flash patterns, includes synchronize feature for alternating and synchronous flashing of multiple lamps. New lens technology enhances light distribution for optimum dispersion and intensity of the warning signal at critical angles.

Available in white or red.



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## GOST Acoustics

### Wireless Water Resistant Siren/Strobe GMM-SRN-STR

Weatherproof, wireless 100dB siren with a built-in strobe

The strobe lens is available in 4 colors (red, blue, amber, and clear). It can be powered using three D batteries, or an AC or DC power supply. This wireless strobe siren is compatible with our GOST Phantom, GOST Insight HD & GOST NT-Evolution Systems.



#### Features

- 100db wireless siren with integrated strobe light
- Weather-resistant design using a PC/ABS enclosure with UV protection and a silicone coated PCB (-20°C to 50°C / -4°F to 122°F)
- 2.5 hour alarm display (strobe flashes every 4 seconds after bell cut-off)
- Panel presence supervised by siren (activates siren and strobe for 5 minutes if communication is lost -- squawk once and flash every 4 seconds)
- Triple tamper protection (screw removal, cover removal, and removal from wall)
- 4-LED signal strength and status display
- Fully powered using three 1.5Vdc type "D" alkaline batteries (included). Not required, but can also be powered using 8-16Vac / 9-20Vdc power supply.
- Dimensions: 24cm x 6cm x 18cm (9.5in x 2.3in x 7in)

### Wireless Indoor Siren/Strobe GMM-SRN-STR-Indo

Interior wireless 100dB siren with a built-in super bright strobe

It can be powered using three C batteries. This wireless strobe siren is compatible with our GOST Phantom, GOST Insight HD & GOST NT-Evolution Systems.



#### Features

- Built-in transceiver (433MHz)
- Wireless siren (100dB or more) with integrated strobe light
- Fast alarm response time (within 4 seconds)
- 2.5 hour alarm display (strobe flashes every 4 seconds after bell cutoff)
- Siren presence supervised by control panel
- Dual tamper protection (cover removal, and removal from wall)
- Assign a total of 4 sirens per control panel (including GM-SRN-STR)
- Siren test mode
- Signal strength/RF transmission and status LED
- Fully powered using three 1.5Vdc type "C" alkaline batteries (not included)
- Operating temperature: -20°C to 50°C (-4°F to 122°F)
- Dimensions: 15.2cm X 4.6cm X 10.9cm (6in X 1.8in X 4.3in)



### **More power, more options, more security than any other security system on the market!**

GOST marine security, monitoring, tracking, surveillance, acoustic deterrent and cloaking systems have you covered.

Remotely access your onboard cameras using any computer, iPhone, iPad and Android devices 24/7/365 from anywhere in the world over the internet. The GOST Nav-Tracker website features advanced Google & Bing mapping interfaces and utilizes the Inmarsat satellite network with 99.99% reliability mandated by the IMO.

Secure and monitor your vessel from anywhere in the world, and control any AC or DC function on board. Based on the package and options you choose, your boat can send text, phone, or emails, to alert you of any one of over 100 different scenarios occurring on board. Stay informed of onboard activity with remote access to onboard cameras, and set camera-based motion detection areas to send video clips when motion is detected. Get up-to-date vessel tracking on land or at sea.

The GOST Cloak system can be armed to immediately fill the boat with a non-toxic fog-like smoke, making visibility next to zero within seconds and forcing the intruder off board.

Many insurance companies now require GPS tracking devices and offer discounts on annual premiums for vessels with GOST security, monitoring, tracking or surveillance systems on board.

### **GOST employs new technologies once only available for military use**

New technologies once only available for military use are being used more than ever by boaters to ensure personal safety and protect against theft and piracy. Stolen boats are used for human trafficking, drug and gun smuggling between Florida, Mexico, and the Caribbean today more than ever.

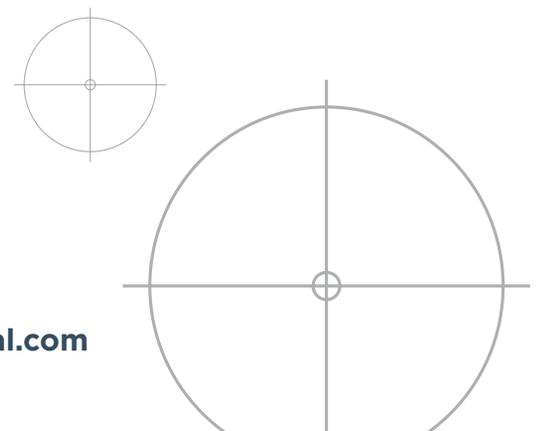
The GOST Acoustic Barrier is now available for civilian use, offering the same technologies used to protect assets of the US State Department and international targets, such as Russian Nuclear Weapons storage facilities. By generating a patented sound wave field, would-be thieves immediately become disoriented, and immobilized.

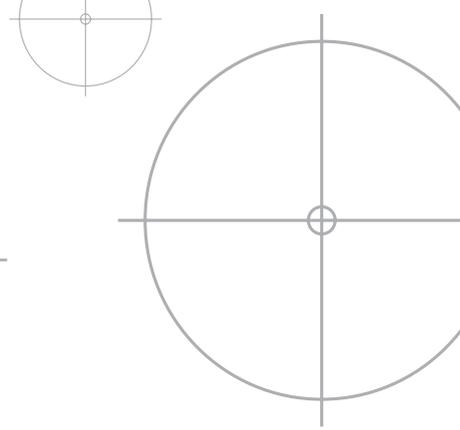
The GOST NT-Evolution and other GOST Nav-Tracker systems can be remotely activated using the Inmarsat Satellite Network. Our systems are designed to provide global coverage everywhere except the most extreme poles with 99.99% reliability mandated by the IMO.

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### **Stolen 31' Yellowfin Recovered: System Automatically Contacts Owner** - February 13, 2013

FORT LAUDERDALE, FLORIDA (USA) - A 31' Yellowfin equipped with a GOST™ NT-Evolution wireless GPS tracking and security system was stolen out of the Marsh Harbor area of the Bahamas in the early morning hours of February 13, 2013.

Thankfully the two way Inmarsat based GOST NT-Evolution quickly located this stolen boat with minimal damage to the hull, engines, and electronics. The client was very happy that he can still salvage a fishing holiday with his boat in the Bahamas.

### **Brand New 34' Center Console Saved from Sinking** - July 18, 2013

FORT LAUDERDALE, FLORIDA (USA) - A brand new 34-foot center console with triple Yamaha 300's was saved from sinking at the dock in the Bahamas.

The GOST NT-Evolution 2.0 wireless security and monitoring system immediately alerted the owner to high water in the bilge due to a clogged live well. The owner who was on the island was sent text messages, emails and phone calls via the GOST NT-Evolution 2.0

The owner was able to respond to the situation right away and save his week-old boat, which otherwise would have sunk at the dock. "Incidents like this are the reason many insurance companies offer premium discounts for boats equipped with GOST security, monitoring, tracking or surveillance systems," said Parrish Westbrook, GOST National Sales Manager.

### **Stolen 36' Yellowfin on Trailer Recovered and Arrest Made** - September 12, 2013

FORT LAUDERDALE, FLORIDA (USA) - A GOST® (Global Ocean Security Technologies) NT- Evolution 2.0 marine security, monitoring, and tracking system aided in the recovery of a stolen 36' Yellowfin on a trailer towed from Titusville to Miami-Dade County.

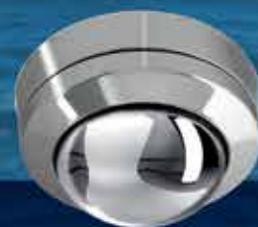
The boat was on a trailer in a fenced warehouse area when thieves began to tow it away in the middle of the night. When the boat was moved the protective geo-fence around the vessel was broken, and the NT-Evolution 2.0 immediately started sending text messages and emails to the owner. The owner awoke to find his boat had been stolen, at which point he urgently logged into the Nav-Tracker website to track his vessel and saw his boat sitting on a remote property in Southwest Miami Dade County. The owner then called GOST whose support staff immediately took action to help the owner and liaison the location information to local police in Miami Dade to assist in the recovery.

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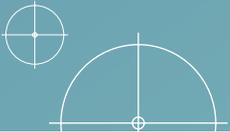
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