

**The only counting system
you will ever need!**



smart city

KI IoT



ARTIFICIAL
INTELLIGENCE

ARGOS

Video based AI counting and classification system

Features

- ▶ Highly accurate **traffic volume** and classification surveys
- ▶ **11 object classes** incl. bicycles and pedestrians
- ▶ NO video storage required. **VOIP & GDPR compliant** - data and security guaranteed!
- ▶ Intelligent battery management - **72 hours** continuous operation. 'Hot swap' battery feature allows **ARGOS** to run continuously with no potential loss of data!
- ▶ High count and classification accuracy even with **stopped or slow moving** traffic
- ▶ One person setup and operation - **efficient use** of labour and resources
- ▶ **Immediate analysis of data** whilst on site with no post processing delay
- ▶ Up front annual costs for **transparent budget planning**
- ▶ Up front data processing flatrate with **no hidden costs**
- ▶ **Low light and night time** traffic survey options available

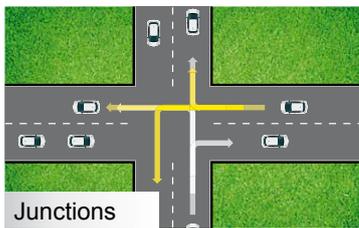
Applications

- ▶ **Mobile** traffic data and classification surveys
- ▶ **Counts bicycles** individually in busy traffic situations
- ▶ **Pedestrian counting**
- ▶ Turning counts at **junctions** and **roundabouts**
- ▶ Recording speeds on **main roads**
- ▶ Large, multi lane, complex junction surveys possible with **more than one ARGOS** unit
- ▶ Supervision of **one way streets** through turning relations
- ▶ **Origin** and **destination** traffic surveys
- ▶ Bidirectional and / or **multi-lane detection**

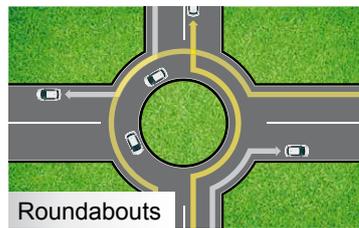
RENT, LEASE OR BUY!



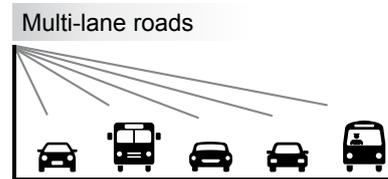
Video based AI counting and classification system



Junctions
Record of turning relations including object classification



Roundabouts
Origin and destination surveys including volume, direction, speed and classification

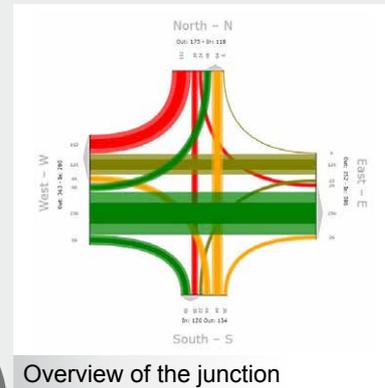


Multi-lane roads
Recording of traffic volume, classification and speed

Total vehicles	9819
Car	82.5 % (8102)
Bicycle	0.9 % (85)
Motorbike	1.5 % (148)
Car with trailer	0.8 % (79)
Transporter with window	2.0 % (197)
Transporter without window	4.3 % (419)
Truck	3.3 % (321)
Object classes	0.4 % (37)

Phase	Peak time
▼ morning	10 July 2021, 11:00:00
▶ E	
▶ N	
▶ S	
▶ W	
▶ afternoon	09 July 2021, 15:15:00
	09 July 2021, 15:15:00

Overview of peak hours



Overview of the junction

Detailed evaluations with our web-based communication center!
myTrafficData 2.0



11 Object classes

- NEW PEDESTRIAN
- BIKE
- MOTORBIKE
- CAR
- CAR WITH TRAILER
- VAN WITH WINDOWS
- VAN WITHOUT WINDOWS
- BUS
- TRUCK
- TRUCK WITH TRAILER
- ARTICULATED TRUCK

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