



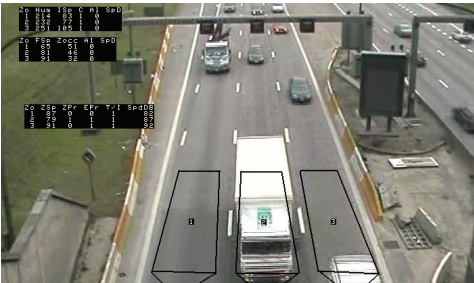
AID BOX CAMERA WITH INTEGRATED VIDEO ANALYTICS

TrafiBot HD



TrafiBot HD combines field-proven video detection algorithms with advanced camera optics and powerful processing technology in a single box camera. TrafiBot HD (with 1920 × 1080 resolution) provides superior image quality, embedded AID analytics, as well as multi-stream encoding. TrafiBot HD's advanced processing unit generates traffic data and incident detection information that supports traffic operators with alerts on stopped vehicles, wrong-way drivers, pedestrians, lost cargo, smoke, and traffic flow data.

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TRAFFIC DATA COLLECTION

Gather valuable traffic information with powerful video analytics.

- Traffic flow speed
- Zone Occupancy
- Average speed/vehicle
- Gap time
- Vehicle classification



AUTOMATIC INCIDENT DETECTION

Field-proven AID algorithms quickly alert operators to issues.

- Stopped vehicles
- Speed drop and congestion
- Wrong-way drivers
- Smoke in tunnel
- Pedestrians
- Fallen objects
- Camera tampering



SUPERIOR IMAGE QUALITY

Full HD video provides reliable vision for unmatched video analytics performance.

- 1920 × 1080 video resolution
- 30 fps
- Multi-stream encoding

SPECIFICATIONS

System Overview

Video Input	1/2.8" CMOS
Encoding Format	H.264, MJPEG
Max Resolution	Full HD (1920 × 1080) @ 30 fps
Multi-Streaming	Dual streaming: H.264 (HP-MP) or MJPEG
Max Streams	Unicast and/or multicast, max 20
Audio	1 full duplex stereo Optional: 24 bit audio transmission

Power Supply, Outputs, and Communications

Power	7 W
Standalone Form	12 V DC or 24 V AC or 802.3af PoE
LAN Connector Type	10/100 Mbps RJ45 or SFP for fibre or IP over coax (ECO)
Digital Inputs	2
Digital Outputs	2
Data	RS232 or RS422/485
PTZ Control	Yes
Communication Standards	ONVIF profile S, NTCIP, SNMP

Additional Features

AID	AID Customizable overlay Video motion detection Image monitor (quality measurement) Tamper detection Privacy masks
Operating Temperature	-30° to 50°C (-22° to 122°F)
MTBF	> 300,000 hours
Dimensions (H × W × D)	64 mm × 64 mm × 150mm
Weight	390 g

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

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