

# DINION AN traffic 4000 IR

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Invented for life



- ▶ Ultra high resolution 960H (1/3") sensor
- ▶ Optimized for License Plate Recognition (LPR)
- ▶ Enhanced digital noise reduction
- ▶ Integrated IR LEDs for 28 m of night vision
- ▶ Vandal and water resistant enclosure

These License Plate Recognition (LPR) outdoor IR bullet cameras are compact, stylish surveillance cameras that offer excellent resolution in low light conditions. The high performance 960H 1/3-inch CCD sensor provides a resolution of 720TVL. The LPR function ensures the best image performance when reading reflective license plates. The water resistant (IP66 rated) and vandal resistant (IK08 rated) housing ensures reliable video surveillance in a variety of indoor and outdoor applications. This integrated IR camera has 10 infrared LEDs providing up to 28 m (92 ft) of night vision.

## System overview

Precision engineered to deliver irrefutable plate images both day and night, the camera features Ambient Rejection Technology to ensure consistent, reliable plate capture. The adjustable high powered IR beam in combination with a special light filter provides reliable license plate capture in all lighting and weather conditions. The external lens adjustment levers of the 5 to 50 mm varifocal lens allow the capture range to be selected between 4.8 m (16 ft) and 27 m (91 ft).

## Functions

The camera is easy to install with special OSD installation and license plate menus to help set the capture parameters to suit your application. The camera can capture license plate at speeds up to 120 km/h (75 mph).

## Certifications and approvals

FCC	ANSI C 63.4:2003 FCC Part 15 Subpart B Class A
UL	UL 60065, 7th Edition, 2007-12-11 CAN/CSA-C22.2 No. 60065-03, 1st Edition, 2006-04 + A1:2006
EU	EN55022:2010 EN50130-4:2011 EN61000-3-3:2008
LVD	LVD 2006/95/EC EN 60065:2002+A1+A2+A11+A12
IP	IP 66 KS C IEC 60529:2006

Region	Certification
Europe	CE

### Technical specifications

Image Sensor	960H, 1/3" CCD, sensor resolution 720TVL
System	PAL or NTSC
Total pixels (H x V)	1020 x 596 (PAL) 1020 x 508 (NTSC)
Effective pixels (H x V)	976 x 582 (PAL) 976 x 494 (NTSC)
Lens type	Varifocal auto Iris lens built-in
Focal length	5 to 50 mm
Lens aperture	F1.4 – 360
Lens adjustment	External
Video Output	Composite: 1 Vpp, 75 Ohm
Supply Voltage	12 VDC or 24 VAC
Power Consumption	600 mA (12 VDC) max. 7.7 W (24 VAC) max.
Sync. System	Internal sync.
S/N Ratio (AGC off)	50 dB min.
Sensitivity	B/W (with IR) 0.0 lx
Electronic shutter	1/250 – 1/100,000
IR illumination	10 on-board IR LEDs, 850 nm
IR range	Up to 28 m (92 ft)
IR angle	24° / 24° (H/V)
Maximum capture speed	120 km/h (75 mph)
OSD language	English, German, French, Russian, Portuguese, Spanish
Mounting	Cable-managed mounting bracket included
Dimensions (Ø x L)	95 x 150 mm (3.74 x 5.9 in)
Weight (including bracket)	1.9 kg (4.19 lb)
Housing	Casted / machined aluminum
Color	Camera / bracket: RAL9003
Water/dust protection	IP66
Impact resistance	IK08
Operating Temperature	-30 °C to +50 °C (-22 °F to +122 °F)

Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage Humidity	20% to 90% RH

### Ordering information

#### DINION AN traffic 4000 IR

960H analog outdoor infrared bullet camera with license plate recognition. IP66; IK08; 12VDC/24VAC; true day/night; WDR; 720 TVL; 3-axis adjustment; 4-zone motion detect; 15-zone privacy mask; varifocal 5 to 50 mm lens; PAL  
Order number **VLR-4075-V511**

#### DINION AN traffic 4000 IR

960H analog outdoor infrared bullet camera with license plate recognition. IP66; IK08; 12VDC/24VAC; true day/night; WDR; 720 TVL; 3-axis adjustment; 4-zone motion detect; 15-zone privacy mask; varifocal 5 to 50 mm lens; NTSC  
Order number **VLR-4075-V521**

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