

FLEXIDOME AN outdoor 4000 IR

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Invented for life



- ▶ Ultra high resolution 960H (1/3") DS sensor
- ▶ True Wide Dynamic Range (WDR)
- ▶ Digital noise reduction
- ▶ Integrated IR LEDs for 20 m of night vision
- ▶ Easy installation with 3-axis adjustment

These Wide Dynamic Range (WDR) outdoor IR domes are compact, stylish surveillance cameras that offer excellent resolution in variable lighting conditions. The high performance 960H 1/3-inch Double Scan (DS) CCD sensor provides a resolution of 720TVL. The WDR function ensures the best image performance under difficult (high contrast) lighting conditions. The water resistant (IP66 rated) and vandal resistant (IK8 rated) housing ensures reliable video surveillance in a variety of indoor and outdoor applications. This integrated IR camera has 18 on-board IR LEDs providing 20 meters of night vision. The camera is easy to install and can be adjusted around 3 axes.

Certifications and approvals

Approbation standards

FCC Part 15 subpart B, Class A
UL 60065, 7th Edition. 2007-12-11
CAN/CSA-C22.2 No. 60065-03, 1st Edition, 2006-04+A1:2006
EN 55022:2006+A1:2007, Class A
EN50130-4:1995+A1:1998+A2:2003

LVD 2006/95/EC: EN60950-1:2006 + A11:2009 + A1:2010 + A12:2011
IEC 60950-1/A1:2009
C-Tick

Environmental standards

IP Rating	IP66 (Water resistant)
IK Rating	IK08 (Vandal proof)

Region Certification

Europe	CE
USA	UL Bosch UL online certification
Canada	ULC Bosch UL online certification

Technical specifications

System	PAL or NTSC
Effective pixels (H x V)	976 x 582 (PAL) 976 x 494 (NTSC)
Image Sensor	960H, 1/3" DS CCD, sensor resolution 720TVL

Video Output	Composite: 1 Vpp, 75 Ohm
Sync. System	Internal sync., Line-lock
S/N Ratio (AGC off)	50 dB min.
Sensitivity (F1.2, 50IRE, AGC max.)	Color: 0.15 lx (DSS 0.0005 lx) B/W (with IR) 0.0 lx
Electronic shutter	1/50 – 1/10,000 (PAL) 1/60 – 1/10,000 (NTSC)
Digital Slow Shutter (DSS)	Off, 2x to 512x
WDR	Off/On (54 dB)
DNR	Off, 2DNR, 3DNR
White Balance	ATW, Push, User1, User2, Anti CR, Manual, Push lock
Light compensation	OFF/BLC/HLC
AGC	0 to 20
Day/Night	ired, Auto, Color, B/W
ired (Infra-Red Emitting Diodes)	18 on-board IR LEDs
Digital zoom	Off, 2x, 3x, 4x, 6x, 8x, 16x
Digital Image Stabilizer (DIS)	On, Off
Burst	On, Off
Motion detection	On, Off (4 programmable zones)
Privacy	On, Off (15 programmable zones)
Mirror	Off, H-flip, V-flip, HV-flip
Sharpness	0 - 15
Gamma	0.38, 0.42, 0.45, 0.5, 0.55, 0.63, 0.71, 0.83
OSD language	English (16 languages)
Lens type	Varifocal DC Iris f=2.8 to 10 mm
Dimensions (Ø x H)	139 mm x 102 mm
Weight	616 g (heater version: 630 g)
Supply Voltage	24 VAC (±10%) 12 VDC (±10%)
Power Consumption	6 W max. / 0.5 A (no heater) 15.6 W max. / 0.8 A (with heater – H version)
Operating Temperature	-10 °C to +50 °C (14 °F to +122 °F) (no heater) -30 °C to +50 °C (-22 °F to +122 °F) (with heater – H version)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage Humidity	20% to 90% RH

Ordering information

FLEXIDOME AN outdoor 4000 IR

960H analog outdoor WDR infrared dome camera. IP66; IK08; 12VDC/24VAC; true WDR; varifocal 2.8 to 10 mm lens; true day/night; 720 TVL; 3-axis adjustment; 4-zone motion detect; 15-zone privacy mask; NTSC

Order number **VDI-244V03-2**

FLEXIDOME AN outdoor 4000 IR

960H analog outdoor WDR infrared dome camera. IP66; IK08; 12VDC/24VAC; true WDR; varifocal 2.8 to 10 mm lens; true day/night; 720 TVL; 3-axis adjustment; 4-zone motion detect; 15-zone privacy mask; PAL

Order number **VDI-244V03-1**

FLEXIDOME AN outdoor 4000 IR

960H analog outdoor WDR infrared dome camera. IP66; IK08; 12VDC/24VAC; varifocal 2.8 to 10 mm lens; true day/night; 720 TVL; 3-axis adjustment; 4-zone motion detect; 15-zone privacy mask; NTSC; heater

Order number **VDI-244V03-2H**

FLEXIDOME AN outdoor 4000 IR

960H analog outdoor WDR infrared dome camera. IP66; IK08; 12VDC/24VAC; true WDR; varifocal 2.8 to 10 mm lens; true day/night; 720 TVL; 3-axis adjustment; 4-zone motion detect; 15-zone privacy mask; PAL; heater

Order number **VDI-244V03-1H**

FLEXIDOME AN outdoor 4000 IR

960H analog outdoor WDR infrared dome camera. IP66; IK08; 12VDC/24VAC; varifocal 2.8 to 10 mm lens; true day/night; 720 TVL; 3-axis adjustment; 4-zone motion detect; 15-zone privacy mask; PAL

Order number **VDI-244V03-1C**

Accessories

VDA-WMT-AIDOME Indoor Wall Mount

Indoor wall mount

Order number **VDA-WMT-AIDOME**

VDA-PMT-AIDOME Indoor Pipe Mount

Indoor pipe mount

Order number **VDA-PMT-AIDOME**

VDA-WMT-AODOME Outdoor Wall Mount

Outdoor wall mount

Order number **VDA-WMT-AODOME**

VDA-PMT-AODOME Outdoor Pipe Mount

Outdoor pipe mount

Order number **VDA-PMT-AODOME**

LTC 9213/01 Pole Mount Adapter

Flexible pole mount adapter for camera mounts. Max. 9 kg (20 lb); 3 to 15 inch diameter pole; stainless steel straps

Order number **LTC 9213/01**

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