

Outdoor Dome Camera (720TVL sensor)

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Advantage Line

These outdoor domes are compact, stylish surveillance cameras that offer excellent resolution in variable lighting conditions. The high performance 960H 1/3-inch CCD sensor provides a resolution of 720TVL. The water resistant (IP66 rated) and vandal resistant (IK8 rated) housing ensures reliable video surveillance in a variety of indoor and outdoor applications.

The Day/Night version ensures the highest image quality possible at any time by automatically switching from color to monochrome.

The camera is easy to install and can be adjusted around 3 axes. Privacy zones and motion detection functions can be set up in the handy camera menu system.

Features

- ▶ Ultra high resolution 960H (1/3") sensor
- ▶ Digital extended dynamic range
- ▶ Digital noise reduction
- ▶ Easy installation with 3-axis adjustment
- ▶ Four programmable privacy zones

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Technical specifications

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System	PAL or NTSC
Effective pixels (H x V)	976 x 582 (PAL) 976 x 494 (NTSC)
Image Sensor	960H, 1/3" 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.
Actual resolution	650TVL
Sensitivity (F1.2, 50IRE, AGC max.)	
Day/Night Camera (VDN)	0.12 lx (color) 0.07 lx (B/W)
Color Camera (VDC)	0.12 lx (color, BW)
Manual shutter	1/50 – 1/10,000 (PAL) 1/60 – 1/10,000 (NTSC)
Digital Noise reduction	2DNR
White Balance	ATW, Push, User1, User2, Anti CR, Manual, Push lock
Light compensation	OFF/BLC/HLC
Adaptive Tone Reproduction	On, Off
AGC	Auto: Off, 37 dB Manual: 6 to 44.8 dB
Digital WDR	Off/On (36 dB)
Day/Night	Auto, Color, B/W
Burst	On, Off
Motion detection	On, Off (4 programmable zones)
Privacy	On, Off (4 programmable zones)
Mirror	On (horizontal), Off
Sharpness	0 - 255
Gamma	0.45
OSD language	English, Japanese, German, French, Russian, Portuguese, Spanish, Simplified Chinese
Lens type	Varifocal DC Iris f=2.8 to 10.5 mm
Dimensions (ØxH)	139 mm x 102 mm
Weight	0.6 kg
Supply Voltage	24 VAC (±10%) 12 VDC (±10%)
Power Consumption	3.6 W max. / 0.3 A
Operating Temperature	-10 °C to +50 °C (14 °F to +122 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage Humidity	20% to 90% RH
Certifications and approvals	
Region	Certification
USA	UL Bosch UL online certification
Canada	ULC Bosch UL online certification
Europe	CE

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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)
Ordering information	
VDC-242 Outdoor Dome Camera (PAL)	VDC-242V03-1
VDC-242 Outdoor Dome Camera (NTSC)	VDC-242V03-2
VDN-242 Outdoor D/N Dome Camera (PAL)	VDN-242V03-1
VDN-242 Outdoor D/N Dome Camera (NTSC)	VDN-242V03-2
Accessories	
Indoor Wall Mount	VDA-WMT-AIDOME
Indoor Pipe Mount	VDA-PMT-AIDOME
Outdoor Wall Mount	VDA-WMT-AODOME
Outdoor Pipe Mount	VDA-PMT-AODOME
LTC 9213/01 Pole Mount Adapter	LTC 9213/01