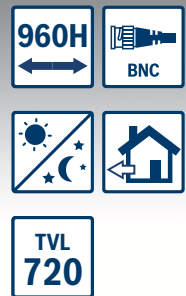


Outdoor Dome Camera (720TVL sensor)



BOSCH

Invented for life



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

Technical specifications	
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.
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

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