

Indoor Dome Camera (720TVL sensor)

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Advantage Line

These indoor 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 dome is available in electronic and true day/night versions.

The camera is an ideal solution for demanding scene conditions. The Day/Night feature ensures the highest image quality possible at any time. Depending on the available light, the camera automatically switches 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 (sharpness, AGC off)	50 dB min.
Minimum Illumination	0.12 lx (color)
Varifocal lens (F1.2, 50IRE)	0.07 lx (ICR, B/W)
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	On, Off
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
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)	127 mm x 102 mm
Weight	280 g
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)
Operating Humidity	30% to 80% RH
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage Humidity	20% to 90% RH
Certifications and approvals	
Region	Certification
Europe	CE
USA	UL Bosch UL online certification
Canada	ULC Bosch UL online certification
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

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	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

Ordering information

VDC-275 Indoor Electronic D/N Dome (PAL)	VDC-275-10
VDC-275 Indoor Electronic D/N Dome (NTSC)	VDC-275-20
VDN-276 Indoor True D/N Dome (PAL)	VDN-276-10
VDN-276 Indoor True D/N Dome (NTSC)	VDN-276-20
VDC-275 Indoor Electronic D/N Dome (PAL) China	VDC-275-10C
VDN-276 Indoor True D/N Dome (PAL) China	VDN-276-10C

Accessories

VDA-WMT-AIDOME Indoor Wall Mount	VDA-WMT-AIDOME
VDA-PMT-AIDOME Indoor Pipe Mount	VDA-PMT-AIDOME
LTC 9213/01 Pole Mount Adapter	LTC 9213/01
VDC-275 Dummy Indoor Dome Housing	VDC-275-DMY