

Indoor Dome WDR Camera (720TVL sensor)

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Advantage Line

These Wide Dynamic Range (WDR) indoor domes are compact, stylish surveillance cameras that offer excellent resolution in variable lighting conditions. The high performance 960H 1/3-inch CCD provides a resolution of 720TVL.

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
- ▶ True Wide Dynamic Range (WDR)
- ▶ Enhanced Digital Noise Reduction (3DNR)
- ▶ Easy installation with 3-axis adjustment
- ▶ 15 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 (F1.2, 50IRE)	Color: 0.15 lx (DSS 0.0005 lx) B/W: 0.05 lx (DSS 0.0002 lx)
Manual shutter	1/50 – 1/10,000 (PAL) 1/60 – 1/10,000 (NTSC)
White Balance	ATW, Push, User1, User2, Anti CR, Manual, Push lock
DSS (Digital Slow Shutter)	OFF, X2 - X512
WDR	WDR (54 dB)
Digital noise reduction	3DNR, 2DNR, OFF
BLC/HLC	On, Off
AGC	0 to 20
Day/Night	Auto, Color, B/W
Digital zoom	Off, X2, X3, X4, X6, X8, X16
DIS (Digital Image stabilizer)	On, Off
Burst	On, Off
Motion detection	On, Off (4 programmable zones)
Privacy	On, Off (15 programmable zones)
Mirror	Off, V FLIP, H FLIP, HV FLIP
Sharpness	0 to 15
OSD language	English (16 Languages)
Gamma	0.38, 0.42, 0.45, 0.5, 0.55, 0.63, 0.71, 0.83
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 (±20%) 12 VDC (±10%)
Power Consumption	4.8 W max. / 0.4 A
Operating Temperature	-10 °C to +50 °C (14 °F to +122 °F)
Operating Humidity	30% to 90% 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
	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	
VDN-295 Indoor WDR D/N Dome (PAL)	VDN-295-10
VDN-295 Indoor WDR D/N Dome (NTSC)	VDN-295-20
VDN-295 Indoor WDR D/N Dome (PAL) China	VDN-295-10C
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

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