

# WZ45 Integrated IR Dome Camera

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Advantage Line

The WZ45 Integrated Day/Night Dome camera is a vandal-resistant, user-friendly surface mount camera designed for effective 24/7 surveillance. Equipped with a 540 TVL mechanical filter CCD and 18 high-efficiency infrared LEDs, the camera delivers vivid daytime color and 18 m (60 ft) of active-infrared night vision.

All-weather ready and rich with practical enhancements, the WZ45 is ideal for a wide variety of security applications including schools, commercial property and correctional facilities.

## Features

- ▶ Robust vandal-resistant construction
- ▶ Easily adjustable camera settings
- ▶ High resolution (540 TVL)
- ▶ Exceptional night vision
- ▶ All-weather ready (IP66)

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### Technical specifications

Video	
CCD Camera	1/3 in CCD with Mechanical Filter Technology
Filtering	Mechanical Filter Technology
Resolution	High resolution 540 TVL
Night Time Sensitivity	0 lx (infrared on)
Day/Night Switching	Photocell-controlled, automatic
Electronics Iris	1/50 to 1/100,000 s (PAL), 1/60 to 1/100,000 s (NTSC)
Output Signal	1 VPP composite video, 75 ohm
Output connection	BNC connector
S/N Ratio	Greater than 48 dB
Gamma	0.45
Lens	3 to 12 mm varifocal auto-iris
LEDs	High efficiency 18-LED infrared array
Wavelength	850 nm
Mechanical	
Housing	Surface mount dome, vandal resistant
Gimbals	3D gimbal for easy installation
Construction	Robust aluminum
Finish	Powder coat silver
Conduit Compatible	1/2-inch NPT
Electrical	
Power Consumption	4.5 W max
Voltage	12 VDC or 24 VAC
Power Supply	Not included
Environmental	
Operational Temp.	-30 °C to +55 °C (-22 °F to 131 °F)
Environment	IP66 certified
Certifications and approvals	
Region	Certification
Europe	CE
Standards	
	ANSI C63.4: 2009
	FCC Parts 2 & 15, Class B Digital Devices
	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 (AS/NZS CISPR 22: 2006) (Class A)
	EN50130-4:1995+A1:1998+A2:2003
	EN61000-3-2:2006
	EN 61000-3-3: 1995 +A1: 2001 +A2: 2005
	LVD 2006/95/EC
	EN60065:2002 + A1:2006 + A11:2008
	IP66, IEC 60529 (2001), IEC 60529:(2002)
Ordering information	
VDI-245V03-2 WZ45 Integrated IR Dome Camera, NTSC	VDI-245V03-2
VDI-245V03-1 WZ45 Integrated IR Dome Camera, PAL	VDI-245V03-1

VDI-245V03-2U WZ45 Integrated IR Dome Camera, NTSC, UTP	VDI-245V03-2U
VDI-245V03-1U WZ45 Integrated IR Dome Camera, PAL, UTP	VDI-245V03-1U
Accessories	
EX-DOM45 Replacement Dome	EX-DOM45
UPA-2430-60 Power Supply	UPA-2430-60
UPA-2420-50 Power Supply	UPA-2420-50

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