

# 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)

## 2 | WZ45 Integrated IR Dome Camera

### 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),<br>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,<br>2006-04 + A1:2006  |
|   | EN 55022: 2006 + A1: 2007<br>(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 |
| UPA-2430-60 Power Supply                                | UPA-2430-60   |
| UPA-2420-50 Power Supply                                | UPA-2420-50   |
| Accessories   |               |
| EX-DOM45 Replacement Dome                               | EX-DOM45      |

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