



Product Data Sheet

UVD-XP4DNR-VA2-P

UltraView XP4 Series True Day/Night Rugged Dome, PAL, 540 TVL (690HTVL-E)

Overview

UltraView™ XP4 Dome WDR security cameras provide high quality surveillance images in a variety of commercial applications. They provide superior wide dynamic range and low light performance in one package. UltraView Domes can be mounted in a variety of positions including wall mount, ceiling mount, pendant mount and flush mount. The camera can be rotated 360 degrees and tilted 90 degrees into the most desirable viewing angle using the 3-axis gimbal mounting system. Each housing comes with a captive shroud that conceals the easy-to-position camera. UltraView Domes come standard with true day/night (removable IR cut filter), BNC, and UTP connections. UltraView XP4 Domes are aluminum vandal-resistant IP66-rated environmental housings designed for indoor and outdoor use. They also feature a polycarbonate dome for extra durability.



Superior Wide Dynamic Range and Low Light Performance

UltraView XP4 Dome WDR cameras use Pixim Seawolf technology, customized for Interlogix. Each pixel is individually optimized to show details in shadows and highlights. This superior wide dynamic range camera will deliver usable images in the most challenging high-contrast and mixed lighting conditions. The improved low-light performance makes this a true high-performance, all application WDR camera.

Application

UltraView™ XP4 Dome cameras are notable for their ability to work in just about any environment. Because these cameras perform in extreme high- and low-light situations, they are pre-configured out of the box to suit most security applications. UltraView XP4 Domes, with vandal resistant and weather resistant characteristics, are ideal for exterior installations including shipping ports and banking institutions as well as parking lots. These compact domes are also well-suited for indoor applications including retail environments and healthcare facilities.

Standard Features

- WDR up to 120 dB
- Excellent performance in almost any lighting conditions
- True day/night (removable IR cut filter)
- IR-corrected varifocal 2.8-10.5mm lens
- Standard BNC and UTP connections
- Polycarbonate dome with captive shroud for easy installation, vandal resistance and to conceal camera position
- Heavy-duty indoor/outdoor housing (IP66 rated)
- 12 VDC/24 VAC
- The 3-axis gimble allows wall mounting of the dome while maintaining a level viewing horizon
- Secondary video output inside the dome bubble for local test monitor during setup

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Specifications

Camera

- Image sensor: 1/3" Progressive Scan Pixim Seawolf
- Wide Dynamic range: 102 dB typical, 120 dB max
- Signal System: NTSC/PAL Selectable
- Scanning System: 525/60 (NTSC); 625/50 (PAL)
- Digital Zoom: Up to 4X
- Synchronization: DC Internal/AC Line Lock
- Effective Pixels (HxV): 768 x 540 (NTSC and PAL)
- Horizontal Resolution: 540 TVL color
- Effective Resolution (HTVL-E) 690 HTVL-E
- Sensitivity: 0.01 lux @ f1.2, 30 IRE
- S/N Ratio: 50dB (max)
- AGC: On/Off, fully programmable
- Gamma Compensation: 0.45 NTSC; 0.36 PAL
- Composite Output: 1.0 Vp-p @ 75 ohms
- Frame Integration: 2X to 32X
- Privacy Masking: -
- Mirror: Horizontal, Vertical
- White Balance: ATW/ATW-Extend/Manual/PTL
- D/N Switching (IR cut filter): Auto/Manual
- Aperture Correction: -
- Lens Mount: D-mount
- Lens Options: 2.8 to 10.5 mm AI f1.2 IR corrected; 9 to 22 mm AI f1.4 IR corrected
- Auto Exposure: Selectable preferences
- Manual Exposure: -

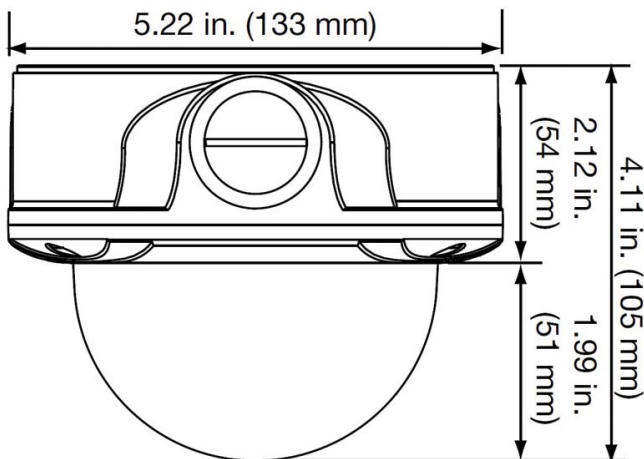
Electrical

- Power Input: 12 VDC or 24 VAC
- Power consumption: 1.8W (DC); 2 W (AC)

Environmental & Physical

- Weight: Rugged Dome 33.8 oz. (958 g)
- Dimensions: 5.22 x 4.11 in. (133 x 105 mm)
- Operating Temperature: -30 to +50°C
- Weather resistant: IP66

Diagram



Ordering Information

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540 TVL (690HTVL-E), UTP, BNC, WDR, 2.8mm-10.5mm AI
IR Corrected, 12VDC/24VAC

