

Video Surveillance UltraView™ Series Traditional Box IP Cameras

Overview

The UltraView™ Series traditional IP box cameras provide high performance and advanced technology while complementing the UltraView Dome IP cameras. The advanced, powerful H.264-SVC compression provides improved video quality, flexibility, spatial scalability and consumes 15–30% less bandwidth than MPEG4 ASP. These IP box cameras come standard with true day/night (removable IR cut filter), Ethernet (with PoE support), BNC and UTP connections. This comprehensive product platform offers an integrated and open framework to address enterprise security challenges.

UltraView Cam IP WDR

High-resolution, true day/night, wide dynamic range, traditional box camera

The UltraView Cam IP WDR is the next generation in Wide Dynamic Range (WDR) true day/night cameras. The UltraView Cam IP WDR uses the latest XPosure™ image analysis technology to provide world-leading performance in challenging lighting conditions combined with dramatically improved low-light performance. XPosure technology optimizes the exposure for each pixel on the sensor, showing

details in shadows and highlights. This performance allows every detail to be captured accurately, even in the most difficult lighting conditions such as lobbies, loading docks, retail applications and ATMs with bright backlight. XPosure technology reads the sensor several dozen times per second, resulting in a dynamic range 100 times better than standard CCD cameras—up to 120 dB in normal operations.

The UltraView Cam IP WDR is dual-temperature-calibrated at the factory, so it automatically adjusts gain, white balance and other settings based on its environment, providing the best possible images in any situation, at any temperature.

UltraView Cam IP

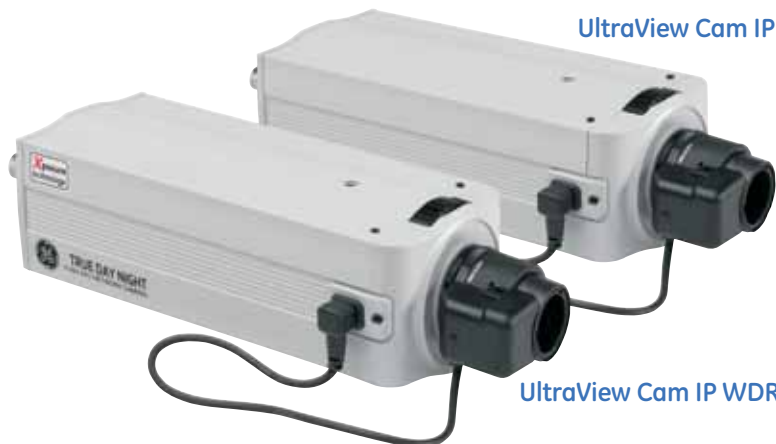
High-resolution, true day/night, traditional box camera

Experience crisp and clear images with the UltraView Cam IP day/night cameras. These cameras produce high-quality pictures even in low-light conditions and can be used with infrared illumination. The UltraView Cam delivers superb imaging performance suitable for virtually any application.

UltraView Series

Traditional Box Cameras

UltraView Cam IP WDR (XP3) &
UltraView Cam IP (EVR)





Standard Features

UltraView™ Cam IP WDR

- H.264 SVC compression provides superior image quality at lower bandwidth requirements than MPEG4-ASP
- Supports up to 4CIF resolution @ 30FPS (IP), 540TVL (analog)
- Scalable network solution
- Simple to install and configure
- Excellent Wide Dynamic Range performance
- Digital signal processing
- True day/night camera
- Standard BNC and RJ45 connections
- PoE/12 VDC/24 VAC
- Alarm input and output

Standard Features

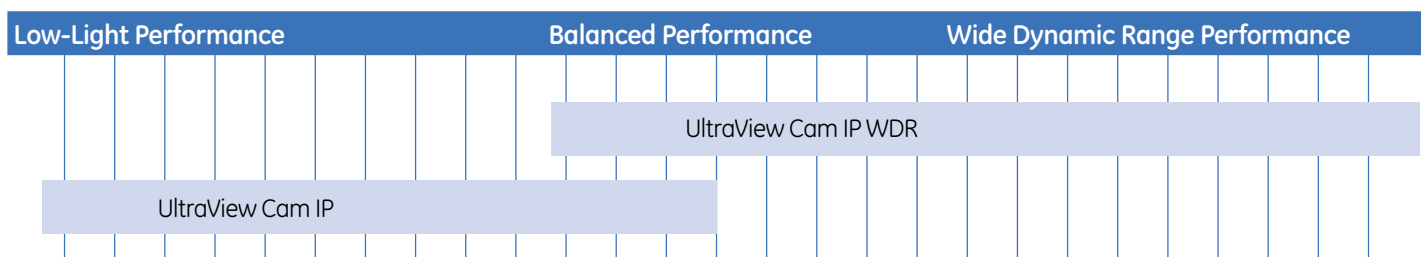
UltraView IP Cam

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- Scalable network solution
- Simple to install and configure
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- Standard BNC and RJ45 connections
- PoE/12 VDC/24 VAC
- Alarm input and output



UltraView Cam IP Lighting Recommendations

	UltraView Cam IP	UltraView Cam IP WDR
Normal Lighting <ul style="list-style-type: none"> • No heavy backlight or reflections • Area is evenly illuminated • No bright moving objects • IR sensitive in night mode 	X	
Challenging Lighting <ul style="list-style-type: none"> • Heavy backlight or reflections • Area is not evenly illuminated • Many bright, moving objects • IR sensitive in night mode 		X

UltraView Cam IP Performance



Specifications

		UltraView Cam IP	UltraView Cam IP WDR
			
Camera	Image	1/3" interline transfer Super HAD CCD	1/3" XPosure
	Dynamic range	—	95 dB typ./120 dB max
	Signal system	NTSC or PAL standard	NTSC or PAL standard
	Pixels	811 H x 508 V (NTSC) 795 H x 596 V (PAL)	720 H x 540 V
	Scanning system	525/60 lines (NTSC) 625/50 lines (PAL)	525/60 lines (NTSC) 625/50 lines (PAL)
	Synchronization	Internal	Internal
	Resolutions	4CIF, 2CIF, CIF, QCIF	4CIF, 2CIF, CIF, QCIF
	Frame rates	30, 15, 7.5, 3.5, 2, 1	30, 15, 7.5, 3.5, 2, 1
	Analog out	540TVL	540TVL
	Sensitivity	0.05 lux @ f1.2, 30 IRE	0.5 lux @ f1.2, 30 IRE
	Signal-to-noise ratio	> 50 dB	> 49 dB
	Color balance	ATW, PTL	ATW, PTL
	D/N switching	Auto/Manual	Auto/Manual
	Auto backlight compensation	Off/On	Off/On
	Gamma compensation	—	0.45 NTSC; 0.36 PAL
	Video output	Composite 1.0 V p-p at 75 ohm load	Composite 1.0 V p-p at 75 ohms
Lens mount	C/CS	C/CS	
Lens options	Accepts manual, video, and DC auto iris lenses	Accepts manual, video, and DC auto iris lenses	
Network	Embedded auto-sensing	Ethernet 10/100 Lan, IP multicast, unicast and multi-unicast support	Ethernet 10/100 Lan, IP multicast, unicast and multi-unicast
	Ethernet/IP CoS support	802.1 p/Q	802.1 p/Q
	Transmission	RTP/RTSP	RTP/RTSP
	Embedded analytics	Activity Detection	Activity Detection
	PoE IEEE	802.3af	802.3af
Physical	Dimensions (LxWxD)	6.61 x 2.91 x 2.24 in. (168 x 74 x 57 mm)	6.61 x 2.91 x 2.24 in. (168 x 74 x 57 mm)
	Weight	21.5 oz. (609 g)	21.5 oz. (609 g)
Electrical	Input voltage	PoE, 12 VDC or 24 VAC	PoE, 12 VDC or 24 VAC
	Power consumption	8W (12VDC); 6.4W (12VDC); 6.7W (PoE)	6W (12VDC); 5.5W (12VDC); 5.5W (PoE)
Environmental	Operating temperature	14° to 122°F (-10° to 50°C)	14° to 122°F (-10° to 50°C)
Regulatory Information	Agency approvals	FCC, CE, UL, C-Tick	FCC, CE, UL, C-Tick

North America
T 888-437-3287

Asia
T 852-2907-8108
F 852-2142-5063

Australia
T 61-3-9239-1200
F 61-3-9239-1299


Europe
T 32-2-725-11-20
T 32-2-721-40-47

Latin America
T 561-998-6100
T 561-994-6572

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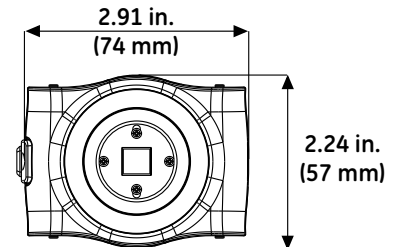
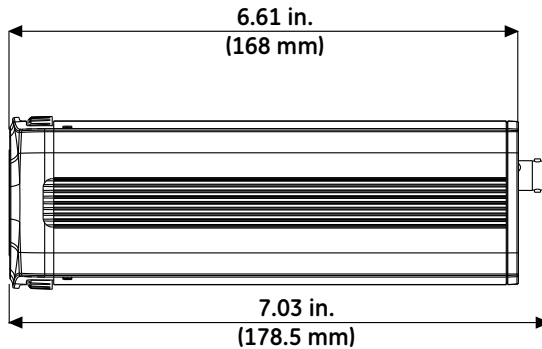
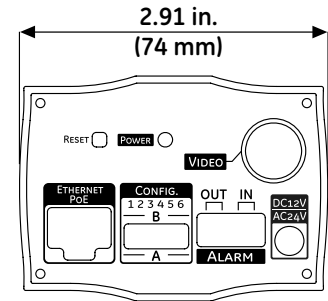
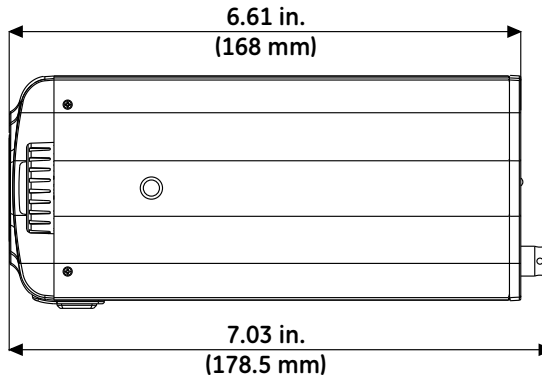
Specifications subject to change without notice.

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Dimensional Diagrams

UltraView™ Cam IP WDR and UltraView Cam IP



Ordering Information

UltraView Cam IP WDR	
NTSC	
UVC-IP-XP3DN-HR	UltraView Cam IP WDR Traditional Box Camera, H.264 SVC, 4CIF (IP) 540 TVL (Analog), True Day/Night, PoE/12 VDC/24 VAC
PAL	
UVC-IP-XP3DN-HR-P	UltraView Cam IP WDR Traditional Box Camera, H.264 SVC, 4CIF (IP) 540 TVL (Analog), True Day/Night, PoE/12 VDC/24 VAC, PAL
UltraView IP Cam	
NTSC	
UVC-IP-EVRDN-HR	UltraView Cam IP Traditional Box Camera, H.264 SVC, 4CIF (IP), 540 TVL (Analog), True Day/Night, PoE/12 VDC/24 VAC
PAL	
UVC-IP-EVRDN-HR-P	UltraView Cam IP Traditional Box Camera, H.264 SVC, 4CIF (IP) 540 TVL (Analog), True Day/Night, PoE/12 VDC/24 VAC, PAL