Ikegami

IPD-VR11

Hyper Wide Light Dynamic IP Network Vandal Resistant Dome Camera

FEATURES

Ikegami has been a world leader in analog camera technology for over half a century. The IPD line of network cameras represents the same quality and craftsmanship you have come to expect from the Ikegami in an Internet Protocol (IP) platform.

The IPD-VR11 combines the benefits of an IP network camera with our Hyper Wide Dynamic technology. The resulting sub-megapixel camera captures more useful information from a given scene than megapixel cameras with much greater bandwidth requirements.

IP network cameras produce images previously unimaginable with analog cameras, and allow for modern low-voltage integration at an unprecedented level. If there is one "Achilles heel" to traditional IP technology, it would be the challenge of uneven illumination (i.e. window areas, lobby entrances of buildings, or any location where intense bright and dark areas coincide). With the IPD-VR11 images are clear and natural, regardless of lighting conditions. The sub-megapixel camera delivers a perfect balance of resolution and bandwidth usage for video surveillance.

HYPER DYNAMIC
IP NETWORK CAMERA

| Conventional Model | IPD-VR11 |

Engineered Vandal Dome Camera

The low-profile The IPD-VR11 is designed to complement the surrounding architecture with its' smooth lines and soft curves. The vandal-resistant aluminum housing and impact-resistant dome complete the IPD-VR11 package. The IPD-VR11 features 3 axis adjustment and is equipped from the factory with a choice of 2.8-10mm or 9-22mm varifocal lens to cover a full range of installations.

More Usable Pixels

In a typical light-challenged security environment, a standard megapixel camera can lose a large number of pixels to illumination issues. The camera may collect 1,400,000 pixels from a given scene, but only 500,000 will be useful. The IPD-VR11 produces more usable pixels per image in difficult lighting conditions and does not waste bandwidth transmitting unusable pixels.

IP Network Camera

The IPD-VR11 is a full feature network camera with H.264/M-JPEG video compression support and standard power over Ethernet (PoE) capability. The IPD-VR11 is ONVIF compliant and fully integrated with a large number of network platforms.

High-quality Picture

The camera is designed for smear-free imaging and low noise. The Digital Signal Processor enhances details producing crisp images with a high signal-to-noise ratio.

Scene File Function and Field Setup

The advanced internal menu of the IPD-VR11 allows for precision image adjustment. 4 preset scene files cover the most common lighting challenges and act as a baseline for quick setup. The IPD-VR11 features an analog BNC service port-delivering a true 520TVL image to a local monitor analog for simplified setup and service. No network connection is needed!
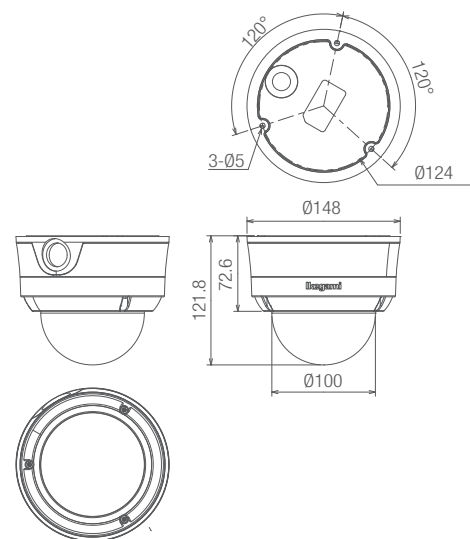
IPD-VR11

SPECIFICATIONS

Image Sensor	1/3" DPS CMOS sensor	
Effective Pixels	Approx.410,000 pixels, Effective 758(H) x 540(V)	
Scanning System	NTSC : 525 lines at 59.94Hz, 2:1 interlace PAL : 625 lines at 50Hz, 2:1 interlace	
Synchronization System	Internal Crystal Lock	
Analog Video Output	VBS 1.0Vp-p/75Ω(for adjusting angle of view) Horizontal Resolution 520 TV Line or better	
S/N Ratio	50dB or better (p-p/rms)	
Minimum Illumination (AGC ON)	Type 31	Type 92
	In color mode : Electronic Sensitivity Up OFF	
	0.22lx/F1.2 [50IRE]	0.35lx/F1.5 [50IRE]
	In color mode : Electronic Sensitivity Up ON 32x	
	0.007lx/F1.2 [50IRE]	0.017lx/F1.5 [50IRE]
	In monochrome mode : Electronic Sensitivity Up OFF	
	0.022lx/F1.2[25IRE]	0.035lx/F1.5[25IRE]
	In monochrome mode : Electronic Sensitivity Up ON 32x	
	0.0007lx/F1.2[25IRE]	0.0017lx/F1.5[25IRE]
Wide Dynamic Range	Built-in, and Variable	
AGC (Automatic Gain Control)	ON(AGC/HYPER-AGC) / OFF(LOW/MID/HIGH) selectable	
Electronic Sensitivity Up	Built-in, ON /OFF selectable(Up to 32 times)	
Day/Night Function	Built-in, True Day/Night, Auto/Manual selectable	
Digital Zoom	Built-in (Up to 4 times)	
Auto Iris Function	DC Iris	
Detail Correction	Built-in	
White Balance	ATW/ATWex/AWC/MANU selectable	
Flicker Reduction Function	Built-in, ON/OFF selectable (FFD Function)	
Privacy Masking	Built-in (Maximum 8 zones)	
Digital Noise Reduction	Built-in, ON/OFF selectable (DNR Function)	
Monitor Output Selection	CRT/LCD selectable	
Camera ID	Up to 24characters (alphanumeric and symbols)	
Image Compression	Codec H.264 / M-JPEG selectable	
	Image Size NTSC : 720x480, 720x240, 352x480, 352x240 PAL : 720x576, 720x288, 352x576, 352x288	
	Frame Rate NTSC : Up to 30fps PAL : Up to 25fps	
	Bit Rates(H.264) 64Kbps~8Mbps	
	Image Set-up(M-JPEG) 5 steps	
	Transmission Mode VBR/CBR	
Audio Function	Built-in, AUDIO Iuput 1, AUDIO Output 1	
Network	Ethernet 10Base-T/100Base-TX	
Protocol	TCP, UDP, RTP/RTCP, RTSP, HTTP, FTP, NTP, ONVIF support (Multicast Delivery available.)	
Monitoring	Viewer or NVR	
Focus EZ	Built-in	
Built-in Lens	Type 31	Type 92
	Focal Length f2.8~10mm f9~22mm	
	Angle of View (Horizontal) 28.8°~94.6° 13.0°~30.6°	
	Angle of View (Vertical) 21.6°~68.4° 9.8°~22.6°	
Enclosure Rating	IP66 compliant	
Power Requirement	DC12(10.5~15V) PoE (IEEE 802.3af) CLASS 0	
Power Consumption	4W approx.	
Operating Ambient Temperature	-10°C ~+50°C	
Operating Ambient Humidity	30%~90% RH (non-condensing)	
Dome Cover	Vandal Resistance Type	
External Dimensions	Ø 148 x H121.8mm (without projection)	
Weight	980g approx.	
Input/ Output Connectors	LAN -- RJ-45(Auto-MDI/MDIX) DC12V Input -- 2P Service Monitor Out – BNC AUDIO Input – Mini Jack AUDIO Output – Mini Jack	
Standard Accessories	Instruction Manual	

DIMENSIONS (Unit: mm)

120° 120° 3-Ø5 Ø124 Ø148 121.8 72.6 Ø100

OPTIONAL ACCESSORIES

Wall Mount

■ XHG-1139

Pendant Mount

■ XHG-1119

CE

Design and specifications are subject to change without notice.