Ikegami

IPD-BX11

Hyper Wide Light Dynamic IP Network Camera

HYPER DYNAMIC
IP NETWORK 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-BX11 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-BX11 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.

Conventional Model   IPD-BX11

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-BX11 produces more usable pixels per image in difficult lighting conditions and does not waste bandwidth transmitting unusable pixels.

Scene File Function and Field Setup

The advanced internal menu of the IPD-BX11 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-BX11 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!

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.

IP Network Camera

The IPD-BX11 is a full feature network camera with H.264/M-JPEG video compression support and standard power over Ethernet (PoE) capability. The IPD-BX11 is ONVIF compliant and fully integrated with a large number of network platforms.
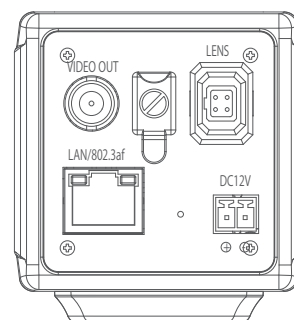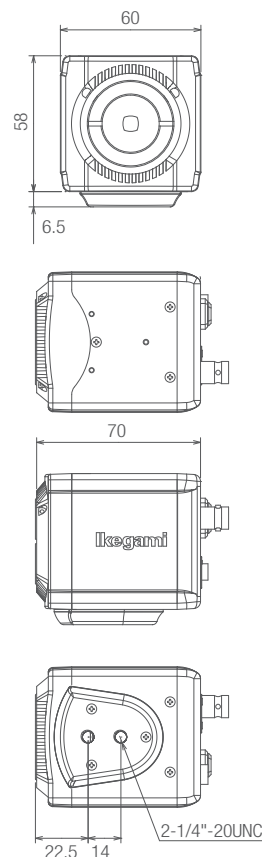
Hyper Wide Light Dynamic IP Network Camera

IPD-BX11

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)	In color mode : 0.22lx/F1.2 [50IRE] (Electronic Sensitivity Up OFF) In color mode : 0.007lx/F1.2[50IRE] (Electronic Sensitivity Up ON 32x) In monochrome mode : 0.022lx/F1.2[25IRE] (Electronic Sensitivity Up OFF) In monochrome mode : 0.0007lx/F1.2 [25IRE](Electronic Sensitivity Up ON 32x)
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
Color Rolling Reduction Function	Built-in, ON/OFF selectable (CRR 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)
Lens Mount	CS Mount
Flange Back Adjustment Mechanism	Built-in

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 quality(M-JPEG)	5 steps
	Transmission Mode	VBR/CBR

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
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)
External Dimensions	W60 x H58 xH70mm (without projection)
Weight	300g
Input/ Output Connectors	LAN -- RJ-45(Auto-MDI/MDIX) DC12V Input -- 2P Service MONITOR OUT -- BNC LENS-- 4P(E4-191J-150 or equivalent)
Standard Accessories	Instruction Manual

DIMENSIONS (Unit: mm)

60
58
6.5
70
2-1/4"-20UNC
22.5 14

VIDEO OUT   LENS
LAN/802.3af   DC12V

Design and specifications are subject to change without notice.

ISO 9001   ISO 14001
ISO 9001   ISO14001
Certified   Certified
JQA-0755   JQA-EM3888

CE