



BLK-IPD104

H.264 Indoor/Outdoor
Dome IP Camera

KEY FEATURES

- Stunning image quality using 1/3" Sony HAD CCD
- Delivers up to 30 FPS high resolution de-interlaced video @ full D1, 720 x 480
- Features H.264 compression technology for optimized image quality, and lower bandwidth and storage requirements
- Advanced features include True Day/Night, Audio & Alarm in/out, and microSD support
- Power over Ethernet support (IEEE 802.3af) to simplify the installation

Superior network IP video solutions for demanding indoor and outdoor applications

The BLK-IPD104 offers the latest in IP Network and compression technology, featuring a Sony HAD CCD imager and powerful real-time image processing hardware that delivers full frame rate video at D1 resolution. This camera features latest H.264 compression to optimize image quality, and lower system bandwidth and storage requirements.

The BLK-IPD104 features a vandal/weather-resistant design with tri-axis gimbal to easily mount virtually anywhere — making it a perfect solution for securing schools, banks, correctional facilities, and other demanding corporate applications over the network or across the Internet.

Like all DIGIOP IP and Megapixel cameras, the BLK-IPD104 is deeply integrated with DIGIOP hybrid and NVR video management solutions, and comes with lifetime technical support.

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Specifications

Camera Module		
CCD	Image Sensor	SONY 1/3" Super HAD CCD
	Effective Pixels	NTSC: 768(H) x 494(V); PAL: PAL: 752(H) x 582(V)
	Size	1/3 inch interline transfer CCD
	Scanning system	2:1 Interlace
Sync	Frequency	NTSC: 15.734 KHz (H) 59.94 Hz(V); PAL:15.625 KHz(H) 50.00 Hz (V)
ELECTRICAL	Resolution	550 TV lines
	S/N (Y signal)	52 dB (AGC Off, weight on)
	Min. Illumination	0.00001 Lux F1.2 (Sens-Up * 258)
	Wide Dynamic Range	52 dB (x128)
	Color	ON/AUTO
	AGC Control	OFF/LOW/MIDDLE/HIGH selectable
	White Balance	ATW/AWB/INDOOR/OUTDOOR/MANUAL/AWC
	Electronic Shutter Speed	1/60 ~ 1/100,000
	Sense-Up	Auto/Fixed/Off (Selectable Limit*2 ~ 258)
DNR	On/Off (1~100 Level Selectable)	
Lens	2.8~10.5 mm F1.2 DC Auto Iris Board Vari-Focal	
Day/Night	IS/W Day & Night or IR Cut Filter (model dependent)	
Video		
Compression Format	H.264, MPEG-4, MJPEG selectable per stream	
Number of Streams	Dual stream, configurable	
Resolution	D1, 4CIF, VGA, CIF, QVGA, QCIF	
Compression FPS	25/30 fps@D1 (PAL/NTSC)	
Deinterlacing	Supported (DSP)	
Motion Detection	Supported	
Burnt-in Text (Digital)	Supported (DSP)	
Output	1 Loop Out (BNC connector)	
Audio		
Input/output	1/1 channel	
Compression Format	G.711	
Function		
Digital Input/output	1/1 channel	
RS-485	Supported	
Network	10/100Base-T	
Power over Ethernet	Supported	
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNMP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, SSL v2/v3, IEEE 802.1X, SSH, SNMP v2/v3	
SD Slot	Supported — MicroSD (MicroSD card not included)	

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Electrical characteristics	
Video Output	1 Vp-p, 75Ω
Audio Input	Line-in, 1.43 Vp-p (Min 1.35 Vp-p, max 1.49 Vp-p), 39 KΩ
Audio Output	Line-out, 46 mW Power, 16 Ω
Sensor(D/I)	TTL level 4.5V threshold, Max 50 mA
Alarm(D/O)	Max 500 mA@24 V AC or 1A @ 12 V DC
Power Source (approx)	12 V DC 300 mA or PoE IEEE 802.3af (Class 0)
Power Consumption (approx.)	4.2W (DC12V) / 5.62W (PoE)
Environmental requirements	
Operating Temperature	14° – 122° F (-10° – 50°C)
Operating Humidity	Up to 85% RH
Mechanical characteristics	
Material	Aluminum (die cast)
Color	White
Dimensions	Housing: 5.94" dia x 4.45" h (ø150.8 mm x 113 mm (h)) Dome: 3.94" dia. (ø100 mm)
Weight	2.38 lbs. (1,080g)