

Product Specifications



IPVD-EL3MPIR

This is our brand new 3 Megapixel IP Network Infrared Vandal Dome Security Camera. If you are seeking the absolute best resolution to capture the greatest amount of detail possible with your security cameras, then Megapixel Security Cameras are the way to go. These Ultra high resolution security cameras are capable of streaming 3 megapixel video at 15fps or 1080p (2 megapixel) video in real time (30fps). A 3 megapixel image has 34

times greater resolution than a standard DVR CIF image! Even a 1080p video will have 23 times greater resolution than a standard DVR CIF image. With images this large, these security cameras are ideal for large warehouses entrances, exits, driveways and parking lots. They can be used in the place of several standard security cameras. This Megapixel security camera is compatible with our new Hybrid Ultimate Series DVR and will allow for recording full 1080p video in realtime. Additionally, this security camera can be mounted and will record video in standalone mode with no DVR necessary when equipped with up to a 32gb SD card. There is also a BNC video output that can be used to connect to a standard DVR to integrate with your current security camera system while still recording up to 3 Megapixel Video on the SD card for reference when events occur. This security camera is dual voltage so you can use either a 12VDC or 24VAC power supply. It also has built in POE (power over ethernet), substream, motion detection, alarm inputs, alarm outputs, audio inputs and more. This is one of the most powerful Megapixel security cameras on the market. It is weatherproof, has a built in heater/blower, it features a Sony 1/2 inch CMOS sensor with a true day/night ICR cut filter which performs incredibly well in low light, and is powered with the Texas Instrument DaVinci DSP. The lens is a 4.5-10mm CS auto iris lens. Of course, this IP camera is compatible with all of our mobile applications including our iPhone, Android and Blackberry apps and integrates beautifully with our PSS Video management software.

MODEL:	IPVD-EL3MPIR
PROCESSOR:	TI DaVinci Series DSP
OPERATING SYSTEM:	Embedded LINUX
USER INTERFACE:	Simultaneous remote monitoring, local recording and remote control
IMAGE SENSOR:	WEB, CMS(DSS, PSS)
EFFECTIVE PIXELS:	1/2.8" 3.0 Megapixel SONY progressive scan Exmor CMOS
ELECTRONIC SHUTTER:	PAL: Auto/Manual, 1/50~1/10000s NTSC: Auto/Manual, 1/60~1/10000s
MINI. ILLUMINATION:	0.2LUX/F1.6(Color), 0.01LUX/F1.6(B/W), 0LUX(IR on)
SIGNAL NOISE RATIO:	>50dB
GAIN CONTROL:	Auto/Manual
WHITE BALANCE:	Auto/Manual
DAY/NIGHT	ICR
LENS:	CS mount, Auto Iris, 4.5~10mm /F1.6
IR LEDS:	10~20 meters
VIDEO COMPRESSION:	H.264/JPEG
IMAGE RESOLUTION:	NTSC: 3.0M(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×480) / CIF(352×240) / VGA(640×480)
ENCODING SPEED:	NTSC: Main Stream: 3.0M(1~15fps), 1080P/720P/ D1/CIF/ VGA(1~30fps) Extra Stream: D1/CIF (1~30fps)
BIT RATE:	160K~8Mbps
ANALOGUE VIDEO OUTPUT:	1 channel BNC(1.0Vp-p, 75?)
AUDIO COMPRESSION:	G.711a / G.711u / PCM
BIT RATE:	64kbps/128kbps
INPUT:	1 channel RCA
OUTPUT:	1 channel RCA
ETHERNET:	RJ-45 (10/100Base-T)
NETWORK FUNCTIONS:	HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server

REMOTE OPERATION:

Monitor, PTZ control, Playback, System setting,
File download, Log information, Maintenance & Upgrade

MICROSD CARD:

Max 32GB, local storage

RS485:

PTZ control

ALARM:

2 Input / 1 Output

POWER SUPPLY:

DC12V/AC24V, PoE

POWER CONSUMPTION:

<10W

INGRESS PROTECTION:

IK10 & IP66

OPERATING ENVIRONMENT:

-10°C~+60°C, 10%~90%

WEIGHT:

1.25kg

Dimensions (mm)

