

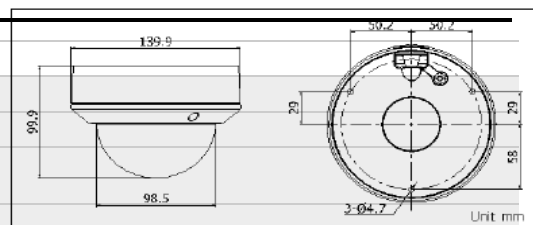
3 Megapixel (2048 x 1536)
 1/2.5" Progressive Scan
 2.8 upto 12mm or 8~32mm
 Varifocal Infrared
 Illumination
 up to 30M DC 12V / PoE
 H.264
 MJPEG
 ONVIF/ PSIA / CGI
 Compliant



SPECIFICATIONS

Optical Camera

Imaging Device	1/2.5" Progressive Scan
Resolution	2048 x 1536
Lens	2.8 upto 12mm @ F1.4 8~32mm @ F1.6
Field of View (H)	98° ~ 30.5° (2.8~12mm) 44° ~ 11.5° (8~32mm)
Min. Illumination	0.01Lux @(F1.2, AGC ON), 0 Lux with IR
Day Night Type	IR cut filter with auto switch
Wide Dynamic Range	√
Electronic Shutter	1/25(1/30) ~ 1/100,000 s
Auto Iris	√



Encoding

Video Compression	H.264/MJPEG
Video Bit Rate	32 Kbps ~ 16 Mbps
Frame Rate	50Hz 12.5fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720) 60Hz 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
Streaming	Dual-Stream
Image Settings	Saturation brightness contrast adjustable through client software or web browser
Audio Compression	G.711/G.726
Audio Bit Rate	64 Kbps (G.711) / 16 Kbps (G.726)

Network

Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1X, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User authentication, watermark
System Compatibility	ONVIF, PSIA, CGI
Communication Interface	1 RJ45 10M/ 100Methernet interface



XTREME-IPM-3D-IRVP Series

XTREME-IPM-3B-IR

Illuminator

Type	IR LED
Effective Range	Approx. 33 ~ 98 ft (10 ~ 30 m)

Additional Features

Noise Reduction	3D DNR
Back Light Compensation	Yes, zone configurable
Auto White Balance	√
Alarm Input/Output	1 Alarm and 1 RS-485 Input
Audio Input/Output	1-ch RCA audio interface, MC IN/LINE IN
Angle Adjust	Pan: 0 ~ 360°, tilt: 0 ~ 75°, rotation: 0 ~ 360°
On-board storage	Built-in Micro SD slot, up to 32 GB

Environment

Operating Environment	Indoor/Outdoor
Ingress Protection	IP66
Vandal Proof	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Operating Temperature	-22 ~ 140° F (-30 ~ 60° C)
Operating Humidity	≤ 95% non-condensing

Electrical

Input Voltage	DC 12V ± 10%, PoE (802.3af)
Current Draw	Max. 5 W (Max. 7 W with IR cut filter on)

General

Weight	2.2 lbs (1000 g)
Dimensions	Φ5.51" × 3.94" (Φ140 × 100 mm)
Regulatory Type	CE, FCC, UL
Optional Accessories	CAM-BKT-IP-1
Warranty	3 Years

AVAILABLE MODELS

Part number	Description
XTREME-IPM-3D-21P-IRVP	3 MP Sony Weatherproof and Vandalproof Dome Network Camera, Wide Dynamic Range, 3D DNR, IR Illuminator, 2.8~12mm Varifocal
XTREME-IPM-3D-83P-IRVP	3 MP Sony Weatherproof and Vandalproof Dome Network Camera, Wide Dynamic Range, 3D DNR, IR Illuminator, 8~32mm Varifocal

