



IPC-2120W-HT

12 MP Smart Dual Light Turret Network Camera with Two-Way Audio

KEY FEATURES

- 12 MP resolution (4096 x 3072) for exceptional scene detail
- 2.8 mm fixed lens, 113° horizontal field of view
- Smart Dual Light: automatic IR and white light switching, up to 30 m
- Built-in two-way audio: microphone and 95 dB speaker
- Motion Detection 2.0 with human and vehicle classification
- 120 dB Wide Dynamic Range with BLC, HLC and 3D DNR
- H.265+ compression for reduced storage and bandwidth
- On-board microSD storage up to 512 GB
- IP67 weatherproof metal housing, indoor and outdoor rated
- PoE (802.3af) and DC 12V powered

FULL SPECIFICATIONS

CAMERA

Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	4096 x 3072 (12 MP)
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Wide Dynamic Range	120 dB WDR
Image Enhancement	BLC, HLC, 3D DNR

LENS

Focal Length	2.8 mm
Aperture	F1.6
Angle of View	Horizontal FOV 113°, Vertical FOV 62°, Diagonal FOV 134°

ILLUMINATOR

Supplement Light Type	Smart Dual-Light: IR and White Light
Supplement Light Range	Up to 30 m

VIDEO

Main Stream (50 Hz)	10 fps @ 4096x3072; 12.5 fps @ 3840x2160, 3200x1800, 2688x1520, 1920x1080, 1280x720
Main Stream (60 Hz)	10 fps @ 4096x3072; 15 fps @ 3840x2160, 3200x1800, 2688x1520, 1920x1080, 1280x720
Sub-Stream (50 Hz)	12.5 fps (1280x720, 640x480, 640x360)
Sub-Stream (60 Hz)	15 fps (1280x720, 640x480, 640x360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
Video Bitrate	32 Kbps - 16 Mbps

AUDIO

Audio Input	Built-in microphone, records with audio
Audio Output	Built-in speaker, max. sound pressure level: 10 cm: 95 dB

Audio Compression	G.711ulaw / G.711alaw / G.722.1 / G.726 / MP2L2 / PCM / AAC-LC
INTELLIGENCE	
Motion Detection 2.0	Supported, includes human and vehicle detection
Region of Interest (ROI)	1 fixed region for main stream
Privacy Mask	4 programmable polygon privacy masks
NETWORK	
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, UPnP
API	Open Network Video Interface Version 19.12 (Profile S, Profile T, Profile G)
Ethernet	1 x RJ45 10/100 M self-adaptive Ethernet port
GENERAL	
Housing	Metal
Colour	White
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 512 GB
Hardware Reset	Yes
Power	DC 12V +/-25%, max. 5 W; PoE (802.3af), max. 6.5 W
Operating Temperature	-30 degC to 60 degC (-22 degF to 140 degF)
Indoor/Outdoor	Indoor / Outdoor
Ingress Protection	IP67
Dimensions	Ø127.3 mm x 96.3 mm (Ø5" x 3.8")
Weight	Approx. 590 g (1.3 lb.)