

MODEL #

PIN20IP5MP-AI



PINHOLE NETWORK CAMERA



5MP
RESOLUTION



5MP
Resolution

2.0MM
Motorized Lens



Audio



In/Out

The **PIN20IP5MP-AI** is a compact pinhole network security camera offering 5MP resolution for clear and detailed images. It features a 2.0mm lens for a wide viewing angle and includes audio in/out capabilities for enhanced surveillance and communication.





VIDEO

Imaging Device	1/2.7"
Effective Pixels	5MP 2880(H) x1620(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON

LENS TYPE

Focal Length (Zoom Ratio)	2.0mm
Max. Aperture Ratio	F No. 2.8
Angular Field of View	Horizontal: 96°, Vertical:49 °, Diagonal: 118°
Min. Object Distance	0.3m~∞
Lens Type	Fixed(M12)

OPERATIONAL

IR Viewable Length	N/A
Camera Tilt	On/Off
Backlight Compensation	Off/On (5 Zones)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Levels)
Privacy Masking	Off/On (4 Zones, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	N/A
Alarm	N/A
Audio	1 Input, 1 Output
Hardware Reset	Yes
AI Features	Face Detection, Pedestrian & Vehicle , Perimeter Intrusion , Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density , Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting

NETWORK

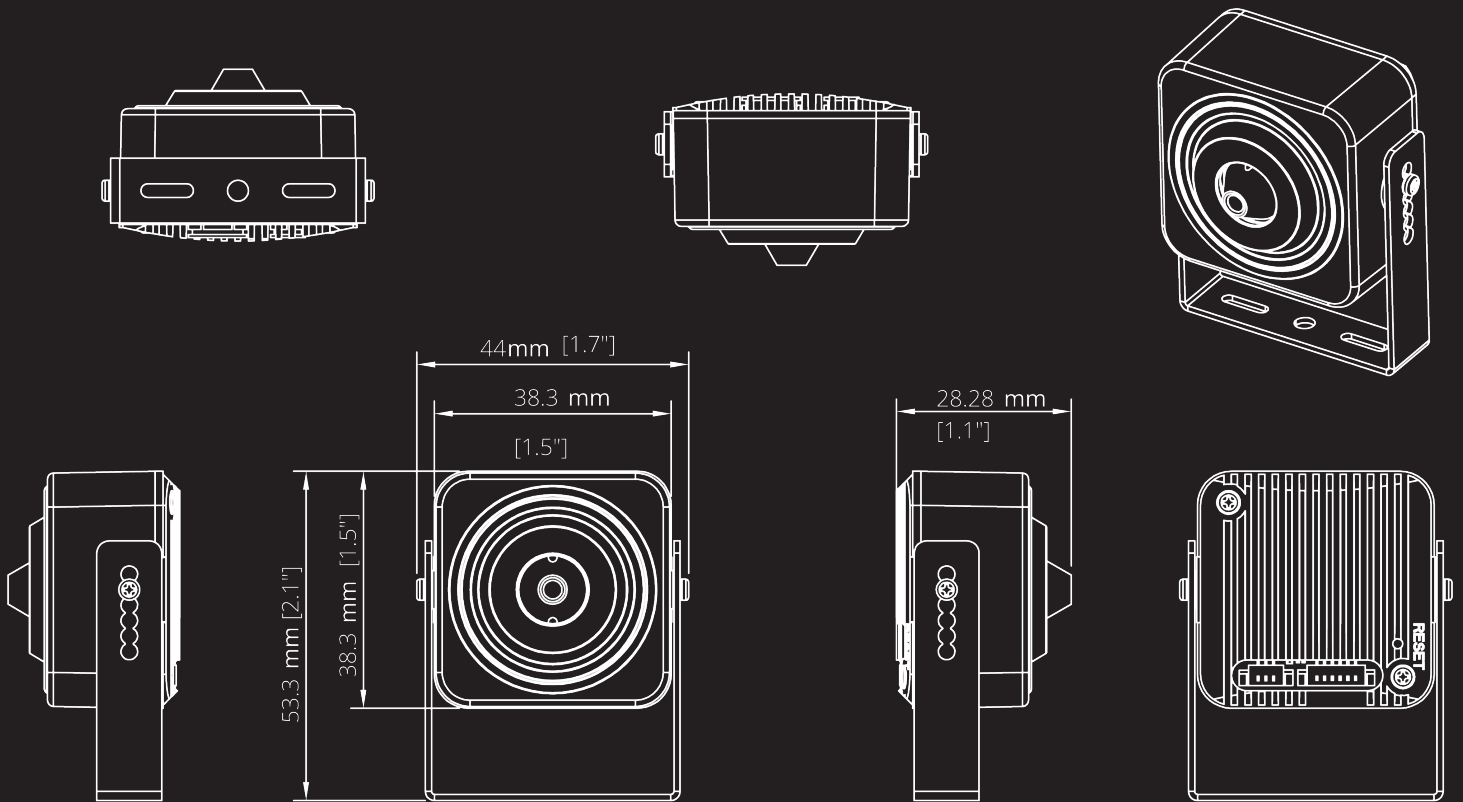
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Main Stream @30fps: 5MP(2880x1620),4MP(2560x1440) 3MP(2304x1296),1080P(1920x1080) 720P(1280x720) Sub Stream @30fps: 720P(1280x720),VGA(640x480),QVGA(320x240) Mobile Stream @30fps: VGA(640x480), QVGA(320x240)
Video Quality Adjustment	256Kbps ~ 8Mbps
Bitrate Control Method	CBR/VBR
Streaming Capability	Triple-Stream(Main/Sub/Mobile)
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Web Browser	IE10/11, Safari V12.1 above, Firefox V.52 above Google chrome V.57 above, Edge V.79 above
Security	IP address filter; complicated password; Authenticated username and password
Streaming Method	Unicast/Multicast
Application Programming Interface	ONVIF(Profile S/G/T/M)

GENERAL

Operating Conditions	-35~+60°C/less than ≤ 90% RH
Input Voltage / Current	D12V/POE(IEEE802.3af)
Material	Metal
Color	Black



DIMENSIONS



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