MODEL #
PIN20IP5MP-AI

OCTAVUE® BY GSD GROUP

PINHOLE **NETWORK CAMERA**

NDAA Conforme



5MP
RESOLUTION

5MP
2880(H)×1620(V)

2 mm

Audio
In/Out

WDR

True WDR

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.

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PINHOLE ***NETWORK CAMERA***

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PIN20IP5MP-AI

VIDEO

Imaging Device	1/2.7″
Effective Pixels	5MP 2880(H)×1620(V)
Scanning System	Progressive Scan CMOS
Min Illumination	Color 0.004 lux @ F1.6 (AGC on); B/W 0 lux (IR on)

LENS TYPE

Focal Length (mm)	2 mm
Aperture	F2.8
Field of View	H 96° / V 49° / D 118°
Min. Object Distance	0.3 m
Lens Type	Fixed (M12)

OPERATIONAL

IR Range	N/A
Camera Title	On/Off
Backlight Compensation (BLC)	Off/On (5 Zones)
Wide Dynamic Range (WDR)	WDR
3D Noise Reduction	3D DNR
Motion Detection	Off/On (8 Levels)
Privacy Masking	Off/On (4 Zones, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Shutter Speed	1/5 – 1/20000 s
Onboard Storage	N/A
Alarm I/O	N/A
Audio Type	1 in / 1 out
Hardware Reset	Yes
Ai Features	Face Detection (FD), Pedestrian & Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Cross Counting (CC), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Detection (LPD), Rare Sound Detection (RSD), Intrusion Detection (ID), Region Entrance & Exiting (RE)

NETWORK

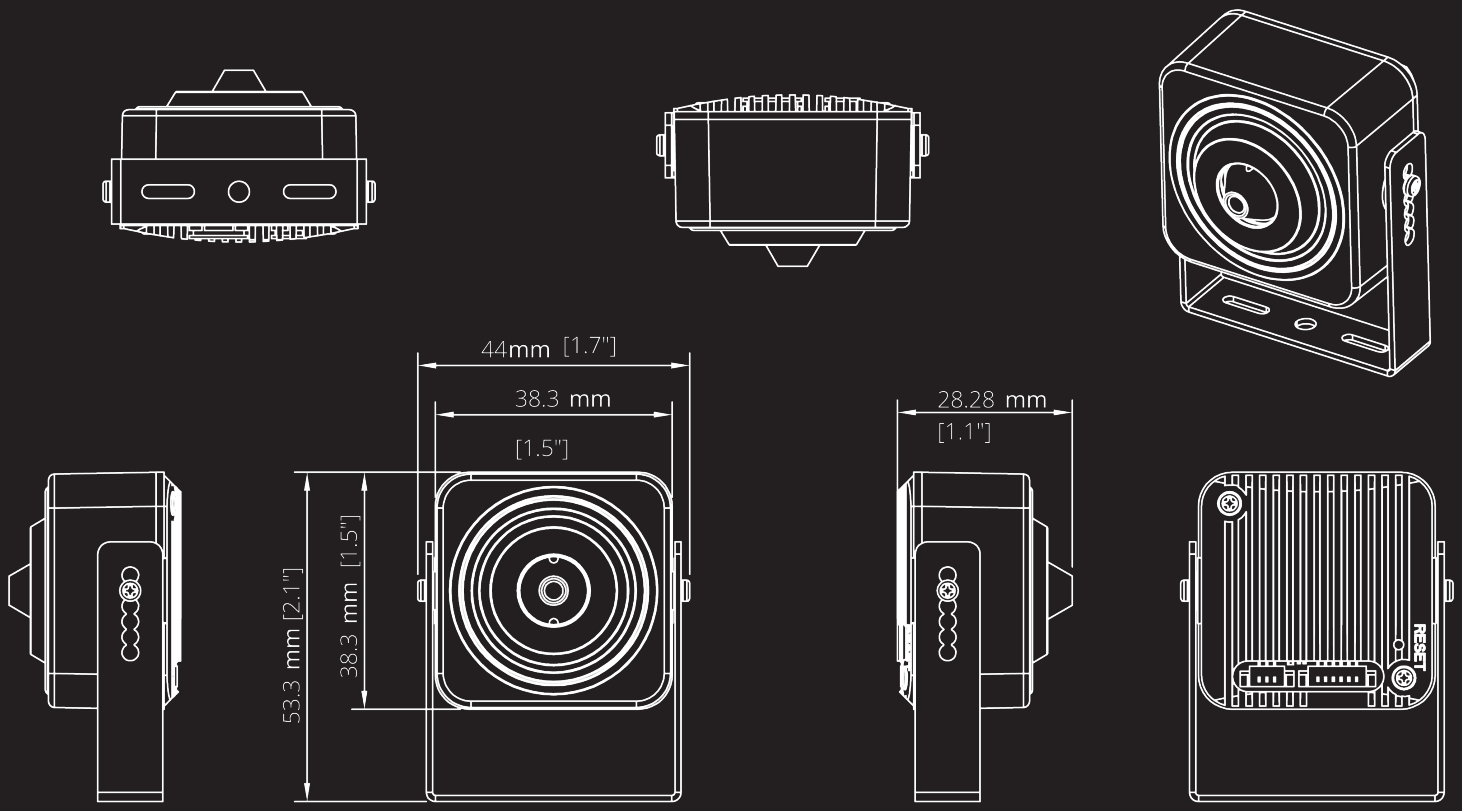
Ethernet	1× RJ45 (10/100BASE-T)
Compression	H.265/H.264
Resolution	**Main Stream @30fps** 5MP(2880x1620), 4MP(2560x1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720) **Sub Stream @30fps** 720P(1280x720), VGA(640x480), QVGA(320x240) **Mobile Stream @30fps** VGA(640x480), QVGA(320x240)
Bitrate Range	256 Kbps – 8 Mbps
Bitrate Control	CBR/VBR
Streaming Capability	Triple-Stream (Main/Sub/Mobile)
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Web Viewer	IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+
Security	IP address filter; complicated password; Authenticated username and password
Streaming Method	Unicast/Multicast
ONVIF Profile	Profile G/M/S/T

GENERAL

Operating Temp / Humidity	-35°C to +60°C / ≤ 90% RH
Input Voltage	DC12V / PoE (IEEE 802.3af)
Material	Metal
Color	Black

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DIMENSIONS



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CONNECT

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Available on the App Store

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COMPLIANCE

CE MARKING | FCC CERTIFICATE | RoHS COMPLIANT | NDAA COMPLIANT

CONNECTION & INTERFACES

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ONVIF COMPLIANT

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