MODEL #

XT2FPAN20IP8MP-AI

OCTAVUE® BY GSD GROUP

X SERIES **PANORAMIC**

ONVIF | GMST | NDAA Conforme | N



Introducing the X SERIES security camera, the **XT2FPAN20IP8MPAI**, your ultimate surveillance solution for unrivaled protection. With its IP camera technology, enjoy crystal-clear monitoring with an impressive 8MP resolution and a 2.0mm lens for precise detail capture. Its 180° panoramic view ensures comprehensive coverage, while its IR capability extends up to 25 meters for enhanced night vision. Equipped with a microphone and speaker, this camera facilitates two-way communication for seamless interaction. Plus, with deterrence lights and the ability to see in color at night, you can deter intruders effectively. Its IP67 waterproof rating ensures durability in any weather condition. Invest in the X SERIES security camera today for unparalleled peace of mind.

- **8MP RESOLUTION**
  8MP
  3840(H)×2160(V)
- **2 mm**
- **IR Up to 25M**
- **See In Color At Night**
- **Two-Way Communication**
- **Deterrence Lights**
- **180°**
  180° Panoramic View
- **Siren**
- **IP67**
  IP67 Waterproof & Dustproof
- **1TB MICRO SD CARD**
  Micro SD Card Slot up to 1TB

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X SERIES **PANORAMIC BALL**

MODEL #
XT2FPAN20IP8MP-AI

VIDEO

Imaging Device	1/2.8"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive Scan CMOS
Min Illumination	Color 0.007 lux @ F1.0 (AGC on); B/W 0 lux (IR on)

LENS

Focal Length (mm)	2 mm
Aperture	F2.4
Field of View	H 180° / V 91° / D 180°
Min. Object Distance	0.6 m
Lens Type	Fixed (M12)

OPERATIONAL

IR Led Count	2
Warm Light Count	2
IR Range	25 m
Warm Light Range	15 m
Backlight Compensation (BLC)	Off/On (5 Zones)
Wide Dynamic Range (WDR)	WDR 120 dB
3D Noise Reduction	3D DNR
Motion Detection	Off/On (8 Levels)
Image Settings	Day&Night Mode/Full Color Mode/Schedule
Privacy Masking	Off/On (4 Zones, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Shutter Speed	1/5 – 1/20000 s
Onboard Storage	Micro SD, up to 1TB
Alarm I/O	Built-in red & blue deterrence lights
Audio Type	Built-in microphone & speaker
Hardware Reset	Yes
Ai Features	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Pedestrian & Vehicle Detection (PD&VD), Stationary Object Detection (SOD), Cross Counting (CC), Heat Map (HM), Rare Sound Detection (RSD)

NETWORK

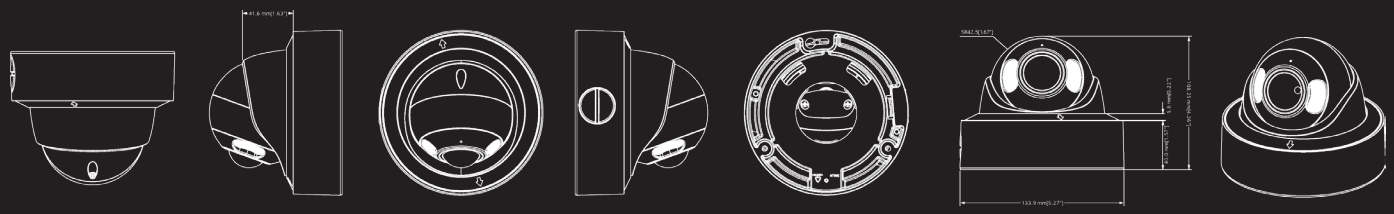
Ethernet	1× RJ45 (10/100BASE-T)
Compression	H.265/H.264
Resolution	**Main Stream @20fps** 8MP(3840x2160), 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720) **Sub Stream @20fps** 720P(1280x720), VGA(640x480), QVGA(320x240) **Mobile Stream** 50/60Hz @ 20fps, VGA(640x480)
Bitrate Range	256 Kbps – 16 Mbps
Bitrate Control	CBR/VBR
Streaming Capability	Triple-Stream (Main/Sub/Mobile)
IP Version	IPv4/IPv6
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter;complicated password; Authencated username and password
Streaming Method	Unicast/Multicast
ONVIF Profile	Profile G/M/S/T
Web Viewer	IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+

GENERAL

Operating Temp / Humidity	-35°C to +60°C / ≤ 95% RH
IP Rating	IP67
Input Voltage	DC12V / PoE (IEEE 802.3af)
Power Consumption	max 13.1W
Material	Metal
Dimensions	Ø133.9×108.25 mm (Ø5.27"×4.26")
Weight	705 g

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DIMENSIONS



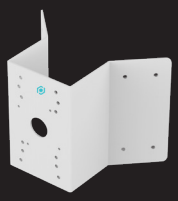
COMPATIBLE ACCESSORIES

CIELING MOUNT SOLUTION



WMB5
WALLMOUNT BRACKET

CORNER MOUNT SOLUTION



COMB6
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



PMB6
POLE MOUNT BRACKET

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SECURITY. INNOVATION. RELIABILITY.

POWERED BY G.S.D GROUP INC.

At G.S.D Group, we design and deliver innovative, reliable, and high-performance security solutions that protect people, businesses, and critical infrastructure. From intelligent surveillance and access control to enterprise software and AI-powered technologies, we provide complete security ecosystems built for today's challenges and tomorrow's opportunities.

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