MODEL #
DD2F28IP10MP-AI

OCTAVUE® BY GSD GROUP

DUAL-LENS CAMERA



Delivering high-performance AI surveillance, the **DD2F28IP10MP-AI** captures crystal-clear 2 channels, Resolution: 5MP (2944 × 1664), Unstitched images. video at up to 30fps. Featuring a 1/2.7" Progressive Scan CMOS sensor with AI-powered analytics, the camera supports face detection, pedestrian and vehicle classification, line crossing, intrusion detection, object detection, heat maps, crowd density, queue length, and more. Intelligent IR and warm light illumination provides reliable imaging up to 15 meters, while dual built-in microphones, a built-in speaker, alarm I/O, PoE+, IP67 weather protection, IK09 vandal resistance, and MicroSD storage up to 1TB make it ideal for demanding surveillance applications.

- **10MP Resolution**
- **2.8MM Fixed Lens**
- **IR Up to 20M**
- **See In Full Color At Night**
- **Two-Way Communication**
- **Detterence Lights**
- **Alarm**
- **IK09 Impact Resistant**
- **IP67 Waterproof & Dustproof**
- **Micro SD Card Slot up to 1TB**

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VIDEO

Image Sensor	1/2.7" Progressive Scan CMOS (EA)
Max. Resolution	5MP 2944×1664 @30fps
Min. Illumination	Color 0.001 lux @ F1.6 (AGC ON) B/W 0 lux @ IR ON
Scanning System	Progressive CMOS

LENS

Focal Length	2.8mm Fixed Lens
Lens Mount	M12
Angular Field of View	Horizontal: 101.7° Vertical: 54.8° Diagonal: 122.3°

OPERATIONAL

IR LED	Hybrid (IR and Warm Light) ×4
Warmlight	Yes
IR Viewable Length	Up to 20m
Type of complementary light	IR Distance: Up to 20m / Warm Light: Up to 15m
Motion Detection	AI Smart Detection
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Image Setting	Day / Night / Image / Schedule
White Balance	Auto
Electronic Shutter Speed	1/5 ~ 1/20000s
Edge Storage	Micro SD slot, up to 1TB
Alarm	1 input, 1 output
Audio	2 Built-in Microphones 1 Built-in Speaker
Custom Voice	Yes
Hardware Reset	Yes
AI Feature	Face Detection Pedestrian & Vehicle Detection Line Crossing Object Detection Crossing Counting Heat Map Crowd Density Queue Length Rare Sound Intrusion Enter Region Exit Region

NETWORK

Ethernet	RJ45 10M / 100M
Video Compression	H.265 / H.264 / H.265+ / H.264+ / MJPEG
Resolution	**Mainstream @30fps :** 5MP (2944×1664) 4MP (2560×1440) 3MP (2304×1296) 1080P 960P 720P **Substream @30fps:** 720P VGA QVGA **Mobile Stream @30fps:** VGA QVGA
Video Quality Adjustment	8Kbps ~ 8Mbps
Bitrate control method	CBR/VBR
IP	IPV6
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	Standard Password Authentication
IP Camera protocol	ONVIF Profile S / G / T / M

GENERAL

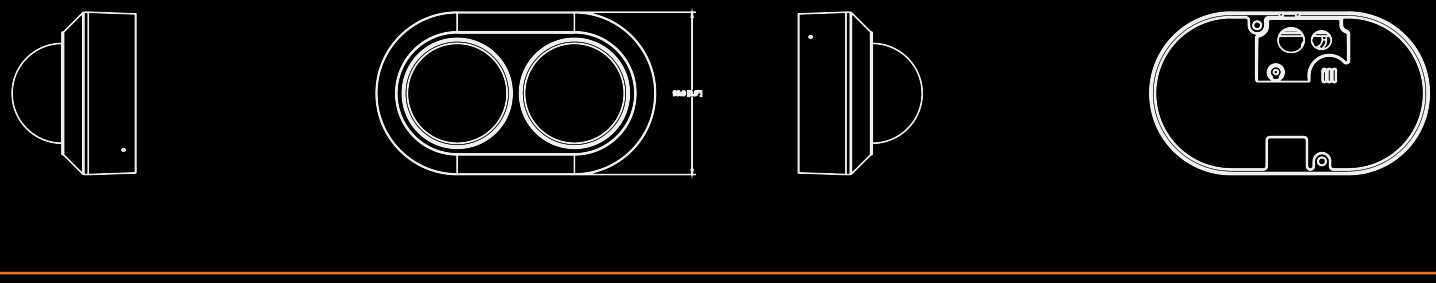
Operating Temperature	-30°C ~ +60°C, ≤90% RH
Outdoor Ready	IP67 / IK09
Input Voltage / Current	PoE+
Power	Max. 13.32W
Material	Metal

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DIMENSIONS



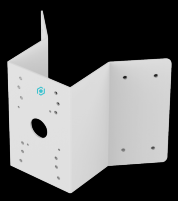
COMPATIBLE ACCESSORIES

CEILING MOUNT SOLUTION



DDBASE-P
CEILING MOUNT

CORNER MOUNT SOLUTION



COMB6
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



PMB6
POLE MOUNT BRACKET

WALL MOUNT SOLUTION



WMB6
WALLMOUNT BRACKET

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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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