

MODEL #

FLF28D5MP-AI



FLAT DOME NETWORK CAMERA

Onvif® | GMST | NDAA Compliant | AI



5MP
RESOLUTION



5MP
Resolution

2.8MM Lens



IR Up to 20M



**Built-In
Microphone**



True WDR



Compact Size



IP66
**Dustproof &
Water-Resistant**



**Micro SD Card
Slot up to 1TB**

Introducing the **FLF28D5MP-AI**! With its 5MP resolution and 2.8mm lens, this camera captures crystal-clear images and wide-angle views, ensuring no detail goes unnoticed. Even in low-light conditions as low as 0.004 lux, its exceptional sensitivity guarantees clear footage. Connect seamlessly through P2P for quick and secure access to your live feed. Its AI features provide intelligent monitoring, while instant notifications keep you informed in real-time. Plus, equipped with a microphone, this camera enables both visual and audio surveillance. Experience unparalleled security and peace of mind with the Flat Dome Camera!





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)	2.8 mm
Max. Aperture Ratio	F No. 1.6
Angular Field of View	Horizontal: 110.6°, Vertical: 58.7°, Diagonal: 133.1°
Min. Object Distance	1.8m
Lens Type	Fixed(M12)

OPERATIONAL

IR Viewable Length	Up to 20m
Camera Title	On/Off
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/Schedule)
Backlight Compensation	Off/On (5 Zone)
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
Image Setting	Flip/Rotation
On-Board Storage	Micro SD slot, up to 1TB
Alarm	N/A
Audio	Built-in Microphone
Hardware Reset	Yes
Smart Features	Rare Sound Detection (SD) , Perimeter Intrusion Detection (PID), Face Detection (FD), Stationary Object Detection (SOD), Crowd Density Detection (CD), Human&Vehicle Detection (PD&VD), Line Crossing Detection (LCD), Queue Length Detection (QD), Heat Map (HM), Cross Counting (CC), License Plate Detection (LPD)

NETWORK

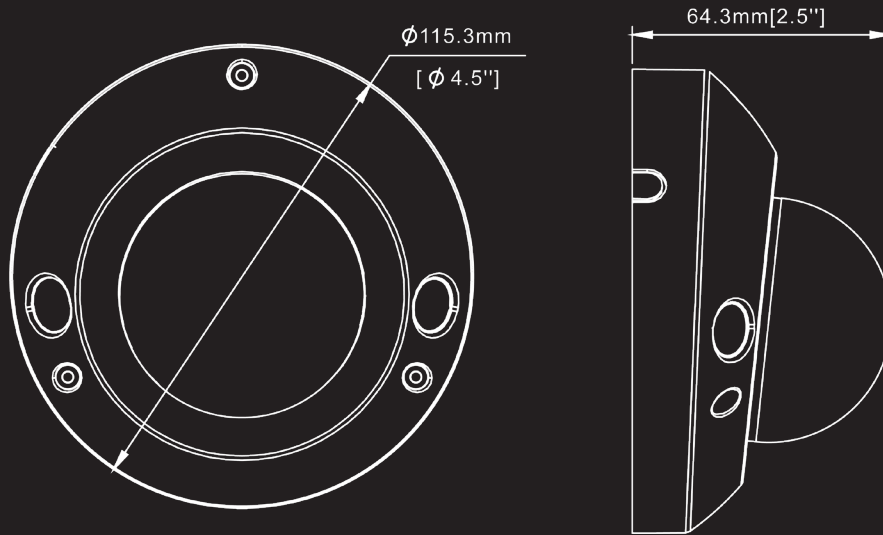
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Main Stream @30fps: 5MP(2880x1620),4MP(2592x1520) 3MP(2304x1296),1080P(1920x1080) 720P(1280x720) Sub Stream @30fps: 720P(1280x720),VGA(640x480),QVGA(320x240) Mobile Stream @30fps: VGA(640x480), QVGA (320x240)
Max. Framerate	50Hz:25fps@5MP/4MP/3MP/2MP/960P/720P/ VGA/QVGA 60Hz:30fps@5MP/4MP/3MP/2MP/960P/720P/ VGA/QVGA
Video Quality Adjustment	256Kbps ~ 8Mbps
Bitrate Control Method	CBR/VBR
Streaming Capability	Triple-Stream(Main/Sub/Mobile)
IP	IPv4
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Security	IP address filter;complicated password; Authenticated username and password
Streaming Method	Unicast/Multicast
Max. User Access	Max 7 (admin+user)
Application Programming Interface	ONVIF(Profile S/G/T)
Compatible Web Browsers	IE10/11, Safari V12.1 above, Firefox V.52 above Google chrome V.57 above, Edge V.79 above

GENERAL

Operating Conditions	-10°~+50°C/less than ≤ 95% RH
Ingress Protection	IP66
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption (IR OFF)	2W/3W
Power Consumption (IR ON)	3W/4.5W
Color/Material	White/Metal&Plastics
Dimensions (WXHxD)	Ø115X 64mm
Weight	276g



DIMENSIONS



COMPATIBLE ACCESSORIES

CEILING MOUNT SOLUTION



CORNER MOUNT SOLUTION



POLE MOUNT SOLUTION



WALL MOUNT SOLUTION



JUNCTION BOX



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