

MODEL #
D2FDA28IP5MP-AI-N



MINI DOME NETWORK CAMERA



5MP
RESOLUTION



5MP Resolution

2.8MM Lens



**IR up to 30M
LED 940nm**



True WDR



**Impact
Resistant**



Microphone



**Waterproof &
Dustproof IP67**



**Up To 256GB
Micro SD Card Slot**

Ensure optimal security with the D2FDA28IP5MP-AI-N network camera. Featuring a 5MP resolution and a 2.8mm lens, it captures every detail with exceptional clarity. The camera also includes an invisible 940nm IR LED for discreet night vision, ensuring clear images even in total darkness. Setup is easy with P2P connection, and the camera offers in/out alarm options and audio capabilities. Powered by advanced AI, it intelligently detects and analyzes movements, objects, and sounds, providing accurate alerts and notifications. Stay connected and secure, no matter where you are.

VIDEO

Imaging Device	1/2.7"
Effective Pixels	5MP 2592(H)×1944(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.05lux @ F1.2(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°, Vertical: 58°, Diagonal: 133°
Min. Object Distance	1.8M
Lens Type	Fixed M12

OPERATIONAL

Type of IR	Invisible IR LED 940nm
IR Viewable Length	Up to 30m
Camera Tilt	On/Off
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/Schedule)
Backlight Compensation	Off/On (5 Zone)
Wide Dynamic Range	True WDR (120dB)
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Level)
Privacy Masking	Off/On (4 Zone, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	No
Audio	Yes - Microphone
Hardware Reset	Yes
AI Features	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)

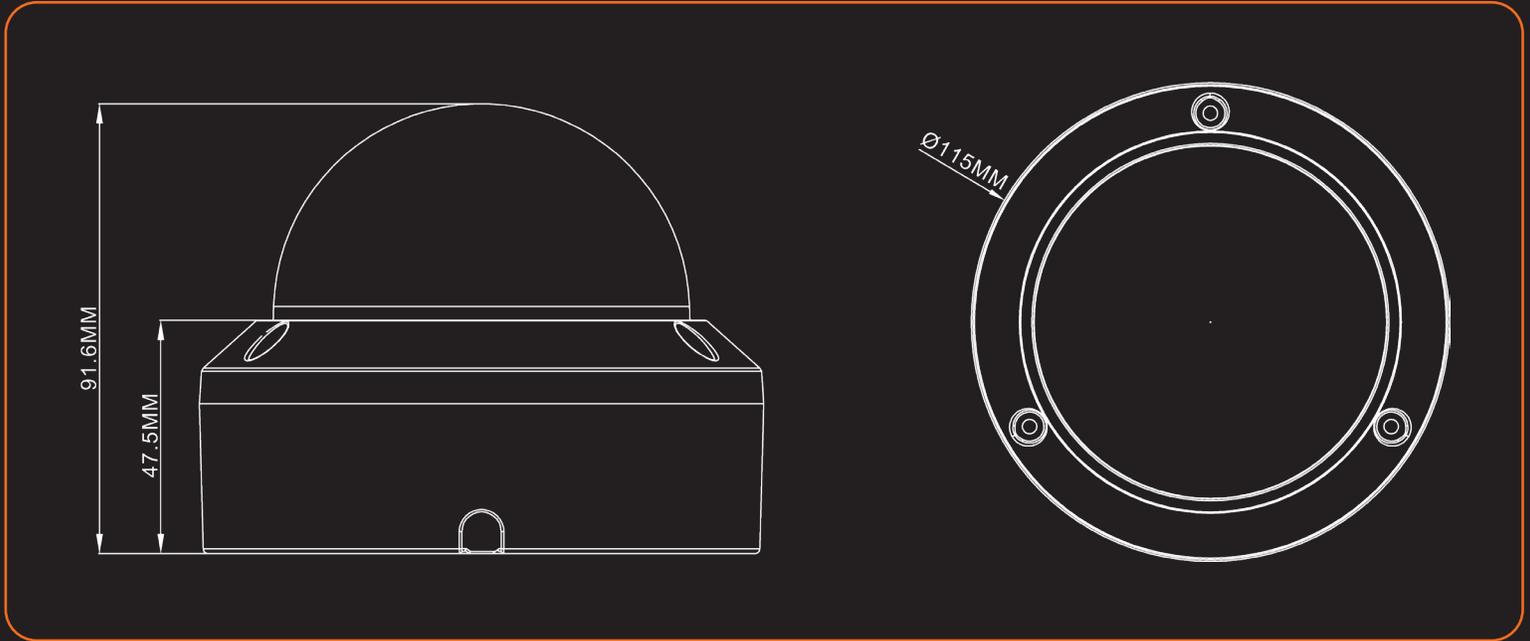
NETWORK

Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Mainstream@30fps 5MP(2592×1944),4MP(2592×1520) 3MP(2304×1296),1080P(1920×1080) 960P(1280×960),720P(1280×720) Substream@30fps 720P(1280×720),VGA(640×480),QVGA(320×240) Mobilestream@30fps VGA(640×480), QVGA (320×240)
Video Quality Adjustment	8Kbps ~ 8Mbps
Bitrate Control Method	CBR/BR
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	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower

GENERAL

Operating Conditions	-30°~+55°C/less than ≤ 95% RH
Storage Conditions	-30°~+60°C/less than ≤ 95% RH
Ingress Protection	IP67
Protection Rating	IK10
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption (Ir Off)	2.5W/3.5W
Power Consumption (Ir On)	4W/5.5W
Color / Material	White/Metal
Dimension (Wxhxd)	Ø115x90.1mm
Weight	appr 570g

DIMENSIONS



COMPATIBLE ACCESSORIES



D2BASE1
JUNCTION BOX

OR



WMB2
WALLMOUNT BRACKET



D2BASE1-G
PENDANT

+



WMB6
WALLMOUNT

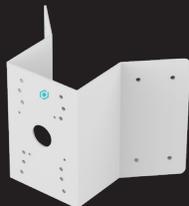
OR



CMB6
CEILING MOUNT BRACKET



PMB6
POLE MOUNT BRACKET



COMB6
CORNER MOUNT BRACKET



CMB6-EXT-120
EXTENDABLE CEILING MOUNT BRACKET



DBASEC
DOUBLE JUNCTION BOX



DCMB2
RECESSED BRACKET