



YOUR WORLD IS MORE SECURE WITH US



# EXP-120DN8MF

4 K D o m e I P C a m e r a



1/2.7"  
SENSOR



3.6 MM  
LENS



2 ARRAY  
LED



IR  
DISTANCE



INTERNAL  
MIC





# EXP-120DN8MF

## 4K Dome IP Camera

### Specifications:

Model name	<b>EXP-120DN8MF</b>
Imaging Device	1/2.7"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.002Lux @(F1.2, AGC ON); B/W 0 lux @IR ON
Focal Length (Zoom Ratio)	3.6mm
Max. Aperture Ratio	F No. 1.6
Angular Field of View	Horizontal: 91°, Vertical: 46°, Diagonal: 109°
Min. Object Distance	2m
Lens Type	Fixed(M12)
IR Viewable Length	Up to 30m
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	DWDR
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
Audio	No Microphone
Hardware Reset	Yes
Smart Feature	NA
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Main Stream 8MP (3840x2160), 5MP (2592x1944, 3072x1728), 4MP (2592x1520), 3MP (2304x1296), 1080P (1920x1080), 960P (1280*960), 720P (1280x720), Sub Stream 720P (1280x720), VGA (640x480), QVGA (320x240) Mobile Stream VGA (640x480), QVGA (320x240)
Video Quality Adjustment	8Kbps ~ 16Mbps
Bitrate control method	CBR/VBR
Streaming Capability	Triple-Stream (Main/Sub/Mobile)
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Web browser	IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above
Security	IP address filter; complicated password; Authenticated username and password
Streaming Method	Unicast/Multicast
Application Programming Interface	ONVIF (Profile S/G/T)
Operating Conditions	-35 ~ +60 °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)	4.5W -6W
Material	Metal
Weight	792g

Your World is More Secure with us

### General Information

- 30m IR Distance
- IP66
- Support Built-In SD cards Upto 256GB
- H.265/H.264

### Dimensions

