

# DOME **NETWORK** CAMERA



Introducing the **D6Z2812IP8MP-AI**, a revolutionary surveillance camera that redefines security standards. Boasting an impressive 4K resolution, it captures sharp details, leaving nothing unnoticed. With a 30-meter infrared range for 24/7 monitoring and a motorized 2.8-12 mm lens allowing flexible adjustments in low light, this camera excels. Receive instant notifications through alarm input/outputs and enjoy clear two-way audio communication for top-tier surveillance. Opt for security excellence with the D6Z2812IP8MP-AI, ensuring uncompromising safety and cutting-edge technology in a compact, reliable package, setting a new benchmark in advanced surveillance solutions.

**8MP**  
RESOLUTION



**8MP**  
Resolution

**2.7-13.5MM**  
Motorized Lens



**IR Up to 30M**

**Alarm**  
In/Out



**Audio**  
In/Out

**IK10 Impact**  
Resistant



**IP67**  
Dustproof  
& Water-Resistant

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

**VIDEO**

<b>Imaging Device</b>	1/2.8"
<b>Effective Pixels</b>	8MP 3840(H)×2160(V)
<b>Scanning System</b>	Progressive CMOS
<b>Min. Illumination</b>	Color 0.1lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON

**LENS TYPE**

<b>Focal Length (Zoom Ratio)</b>	2.7-13.5mm
<b>Max. Aperture Ratio</b>	F No. 1.83 (W) ~ 3.32(T)
<b>Angular Field of View</b>	Horizontal: 33 ~111°, Vertical: 18 ~ 57°, Diagonal: 37 ~ 134°
<b>Min. Object Distance</b>	0.8m(W) ~ 1m(T)

**OPERATIONAL**

<b>IR viewable length</b>	Up to 30m
<b>Camera Title</b>	Show/Hide
<b>Day &amp; Night</b>	IR cut filter with auto switch (Day/Night/Auto/ Image/Schedule)
<b>Backlight Compensation</b>	Off/On (5 Zones)
<b>Wide dynamic range</b>	WDR
<b>Digital Noise Reduction</b>	3D DNR
<b>Motion Detection</b>	Off/On (8 Levels)
<b>Privacy Masking</b>	Off/On (4 Zones, Rectangle)
<b>Gain Control</b>	Auto
<b>White Balance</b>	Auto/Manual
<b>Electronic Shutter Speed</b>	1/5 ~ 1/20000s
<b>Image Setting</b>	Flip/Corridor/Rotation
<b>On-board Storage</b>	Micro SD slot, up to 1TB
<b>Alarm</b>	1 input, 1 output
<b>Audio</b>	1 input (RCA), 1 output (RCA)
<b>Hardware Reset</b>	Yes
<b>Smart Features</b>	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Human&Vehicle Detection (PD&VD), Face Detection (FD), Cross Counting (CC), Crowd Density Detection (CD), Queue Length Detection (QD), Heat Map (HM).

**NETWORK**

<b>Ethernet</b>	RJ45(10/100BASE-T)
<b>Video Compression Format</b>	H.265/H.264
<b>Resolution</b>	<b>Mainstream @30fps</b> 8MP(3840x2160), 5MP(2592x1944,3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720) <b>Substream @30fps</b> 720P(1280x720),VGA(640x480),QVGA(320x240) <b>Mobile Stream @30fps</b> VGA(640x480), QVGA(320x240)
<b>Max. Framerate</b>	50Hz:25fps@8MP,5MP,4MP,3MP,2MP,960P, 720P,VGA,QVGA 60Hz:30fps@8MP,5MP,4MP,3MP,2MP,960P, 720P,VGA,QVGA
<b>Video Quality Adjustment</b>	8Kbps ~ 16Mbps
<b>Bitrate Control Method</b>	CBR/VBR
<b>Streaming Capability</b>	Triple-Stream(Main/Sub/Mobile)
<b>IP</b>	IPv4
<b>Protocol</b>	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP
<b>Security</b>	IP address filter; complicated password; Authenticated username and password
<b>Streaming Method</b>	Unicast/Multicast
<b>Max. User Access</b>	Max 7 (admin+user)
<b>App Programming Interface</b>	ONVIF( Profile S/G/T)
<b>Compatible Web Browsers</b>	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower
<b>GENERAL</b>	
<b>Operating Conditions</b>	-30~ +55°C/less than ≤ 95% RH
<b>Storage Conditions</b>	-30~+60°C/less than ≤ 95% RH
<b>Ingress Protection</b>	IP67
<b>Protection rating</b>	IK10
<b>Input Voltage/ Current</b>	D12V/POE(IEEE802.3af)
<b>Power Consumption (IR OFF)</b>	3W/4W
<b>Power Consumption (IR ON)</b>	5W/7W
<b>Color/Material</b>	White/Metal
<b>Dimensions (HxWxD)</b>	Ø148.7x109mm
<b>Weight</b>	appr 960g

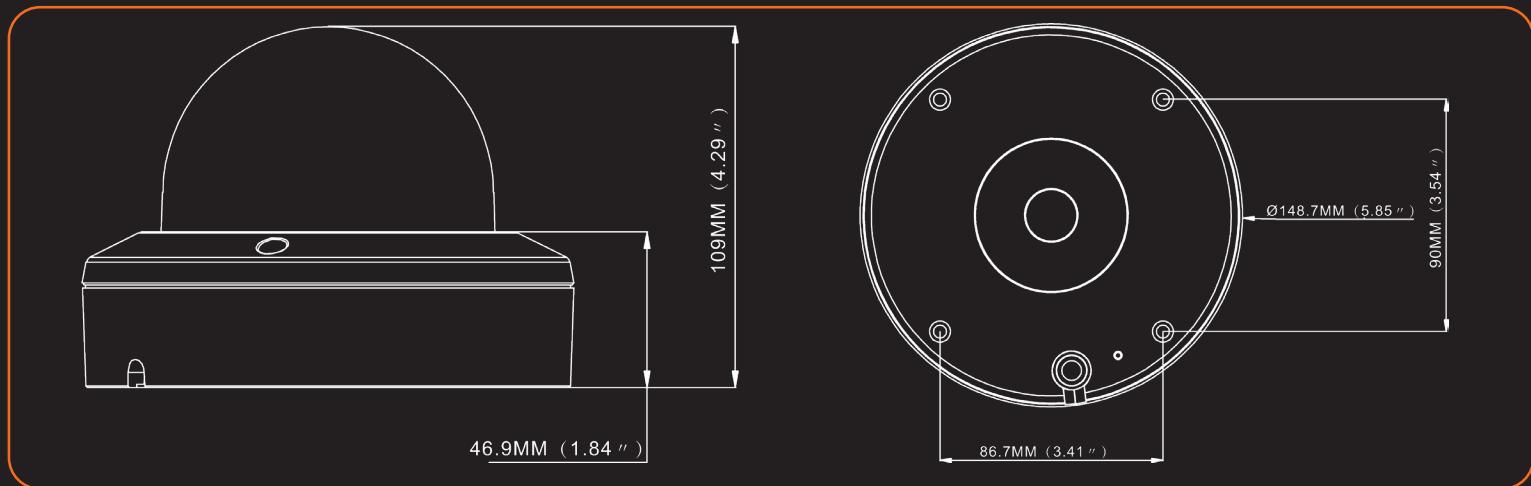


**DOME NETWORK CAMERA**

MODEL #

**D6Z2812IP8MP-AI**

## DIMENSIONS



## COMPATIBLE ACCESSORIES

### CEILING MOUNT SOLUTION



**CMB6-G**  
CEILING MOUNT

+



**EB3BASE3-G**  
PENDANT

### CORNER MOUNT SOLUTION



**COMB6**  
CORNER MOUNT BRACKET

### POLE MOUNT SOLUTION



**PMB6**  
POLE MOUNT BRACKET

### WALL MOUNT SOLUTION



**WMB5**  
WALLMOUNT BRACKET

OR



**WMB6**  
WALLMOUNT BRACKET

+



**EB3BASE3-G**  
PENDANT

### JUNCTION BOX



**EB3BASE3**  
JUNCTION BOX

DOWNLOAD THE OV CONNECT APP



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Available on the  
App Store

[WWW.GSDGROUPINC.COM](http://WWW.GSDGROUPINC.COM)

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