Ganz Genstar IP Dome



- 1/3" Progressive Scan CMOS
- Motorized Lens 2.7-12mm
- 4MP@20fps, 3MP@30fps, 1080P@30fps
- Triple Streams
- Smart IR Range 15-20m
- Low bitrate, excellent low light performance
- WDR, 3D DNR, ICR
- ROI, Defog, HLC, Corridor mode, DIS

Order data

Order number	Product description
ZN8-VD4M212-NIR	Ganz Genstar IP 4MP, H.264/ H.265 / MJPEG, Dome Camera, motorized 2.8-12mm lens, 4MP@20fps, 3MP@30fps, 1080P@30fps PoE/12VDC, MicroSD, ONVIF, WDR, IR

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Technical specifications	ZN8-VD4M212-NIR
Image Sensor	1/3” Progressive Scan CMOS
Min. illumination	Color: 0.01Lux @ (F1.2,AGC ON); B/W: 0Lux @ (IR LED ON)
Day & Night	ICR
Shutter Speed	1/5-1/20000
Auto Iris	Yes
Wide Dynamic Range	WDR>120dB
Digital Noise Reduction	2D / 3D
Lens	Motorized Lens 2.7-12mm
FOV	90°~ 35°
IR LED	15pcs
IR Range	15-20m
Video Compression	H.264 / 265, MJPEG
Bit Rate (CBR/VBR)	Main stream: 500kb-12000kb; Sub stream: 100kb-6000kb
Audio Compression	G.711, RAW_PCM
Max. Resolution	2592*1520/2560*1440/20fps, 2304*1296/30fps, 1920x1080/30fps
Stream	Stream1: 2592*1520/2560*1440/2304*1296/1920x1080 Stream 2: D1 to QVGA
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness
HLC	Yes
9:16 Corridor mode	Yes
DIS	Auto
ROI	Yes
Defog	Yes

Subject to technical changes and errors. 042017 v1.1

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Technical specifications	ZN8-VD4M212-NIR
Network Protocols	IPv4, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ICMP, IGMP, Unicast and Multicast
Alarm Trigger	Perimeter, Single Virtual Fences, Double Virtual Fences ,Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad, Motion Detection, Network disconnect, Disk alarm, I/O alarm
RTSP Video	Standard RFC2326, Support QuickTime / VLC Player
Security	User security authentication, Reset, Hardware Watch Dog
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish. Russian, French, Czech, Hungarian
System Compatibility	Onvif
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio I/O	1ch Audio In & 1ch Audio Out
Alarm I/O	1ch Alarm In & 1ch Alarm Out
BNC Output	Yes
Reset Button	Yes
Edge Storage	Micro SD / SDHC / SDXC slot, Max 128GB
Power Supply	DC12V / POE
Power Consumption	3W (IR LED OFF) 5W (IR LED ON)
Operating Temperature	Starting Temperature: -30 °C ~ 60 °C Working Temperature: -40 °C ~ 60 °C
Operating Humidity	0% - 90% RH
Ingress Protection	IP66, IK10
Approvals	CE / FCC
Product Dimensions	φ130 × 112mm
Product Weight	900g

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