

Magic G8032 | 8MP (4K) Outdoor IR Turret Network Camera, H.265+, IP67, Metal Body, Fixed Lens, 100ft (30m) IR Range, 120dB True WDR, DC 12V or PoE, Small Size



1/2.5" (8 MP) Progressive Scan CMOS • Up to 3840 x 2160 Resolution @ 15 fps • 2.8 / 4mm Fixed Lens • EXIR 2.0 Range Up to 100 ft (30 m) • H.265+/H.265/H.264+/H.264 • 120dB True WDR • IP67 Protection • Durable Metal Housing • 12 VDC 25% (PoE 802.3af), maximum 7.5 W

Outdoor IR Turret Camera provides high definition network output. It supports H.265+ video compression technology, which assures savings in bandwidth and storage. The camera has an EXIR 2.0 range of up to 100 feet (30 meters). The 2.8 / 4mm lens are optimized for viewing angles that fit any situation.

FEATURES

- 1/2.5" (8 MP) Progressive Scan CMOS
- Up to 3840 x 2160 Resolution @ 15 fps
- 2.8 / 4mm Fixed Lens
- EXIR 2.0 Range Up to 100 ft (30 m)
- H.265+/H.265/H.264+/H.264

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- 120dB True WDR
- IP67 Protection
- Durable Metal Housing
- 12 VDC \pm 25% (PoE 802.3af), maximum 7.5 W

SPECIFICATIONS

Camera	
Image Sensor	1/2.5" (8 MP) progressive scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day /Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120dB
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°
Lens	
Focal Length	2.8 mm, 4 mm
Aperture	f/2.0
Focus	Manual
FOV	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 124° 4 mm, horizontal FOV 79°, vertical FOV 42°, diagonal FOV 95°
Lens Mount	M12
IR	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264; sub-stream: H.265+/H.265/H.264+/H.264/MJPEG; third stream: H.265+/H.265/H.264+/H.264
H.264 Type	Main profile/high profile

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H.264+	Main stream support
H.265 Type	Main profile
H.265+	Main stream support
Video Bit Rate	32 Kbps to 16 Mbps
Smart Features	
Behavior Analysis	Line crossing detection, intrusion detection
Face Detection	Yes
Region of Interest	One fixed region for main stream and sub-stream
Image	
Maximum Resolution	3840 × 2160
Main Stream	15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	30 fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC, 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Target Cropping	No
Day/Night Switch	Day/night/auto/schedule
Network	
Network Storage	Supports microSD/SDHC/SDXC card (128 GB), local storage, NAS (NFS,SMB/CIFS), and ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User / Host	Up to 32 users; three levels: administrator, operator, and user
Client	iVMS-4200

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Web Browser	Plug-in required live view: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
Interface	
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
General	
Operating Conditions	-22° F to 140° F (-30° C to 60° C); humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug; PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, maximum: 6 W; PoE (802.3af, 37 V to 57 V), 0.3 A to 0.2 A, maximum: 7.5 W
Protection Level	IP67
Material	Metal
Dimensions	Camera: Ø 5.0" × 3.8" (Ø 127.3 × 95.9 mm)
Weight	Camera: 1.40 lbs (620 g)