

# Product Spec

## VR360

### 8MP H.265 Low Lux WDR IR Virtual Reality IP Camera

- 1/2.9" progressive scan CMOS
- Dual stream supports both H.265 and H.264 format
- Up to 30 fps at 3840×2160
- Intelligent IR
- Ingress protection (IP67)
- Vandal resistance (IK10)
- Built-in micro SD card slot
- Build-in Mic
- ONVIF (Profile S) conformant



Camera		
Image Sensor		1/2.9" progressive scan CMOS
Picture Elements		3840 (H) x 2160 (V)
Minimum Illumination	Color	0.05 Lux
	B/W	0.04 Lux
	IR ON	0 Lux
Shutter Speed		Automatic
White Balance		Automatic, Manual
Gain Control		Automatic
Lens		
Megapixel		Yes
Day/Night		Yes (with removable IR-cut filter)
Lens Type		Fixed
Focal Length		1.05mm
Maximum Aperture		F/2.25
FOV		360°
Operation	Focus	Fixed
IR LED Quantity		4 IR LEDs
Max. IR Distance		10m
Video Resolution		
Main Stream	16:9	3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 720
Sub Stream	16:9	3840 x 2160, 1280 x 720, 640 x 360
Network		
Interface		10/100 mbps
Protocol		TCP, UDP, DHCP, DDNS, HTTP, HTTPS, NTP, ONVIF (Profile S), RTSP, SMTP

Operation		
Video Compression		H.265, H.264
Video Stream	Stream 1	H.265 or H.264
	Stream 2	H.265 or H.264
Frame Rate		30 fps at 3840 x 2160 <b>* The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes)</b>
Image Setting		Brightness, Contrast, Saturation, Sharpness, White Balance, Flicker-less, Image Orientation, D / N Sensitivity
Audio Compression		G.711 or AAC
Audio Support		Two-way Audio (Coming Soon)
Mechanical		
Connectors	Power	PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
	Audio	Internal Mic, 3.5 mm
	Digital I/O	I/O wires
	MicroSD	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) <b>*UHS-II card type is not supported.</b>
General		
Operating Temperature	Start-up	-20°C ~ 50°C (-4°F ~ 122°F)
	Operation	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity		10% ~ 90% (no condensation)
Power Source		12V DC / POE+ (IEEE 802.3at)
Max. Power Consumption		12W
Dimensions		164 mm x 64 mm x 45.2 mm
Weight		580g (1.28lb)
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Regulatory		CE, FCC, RCM, VCCI compliant
Application		
Network Storage		GV-System (GV-DVR / NVR), GV-VMS
Smart Device Access		GV-Eye for iOS and Android
Live Viewing		IE, Mobile App
CMS Server support		GV-Control Center