IR RUGGED DOME CAMERA
VMS-CD-VP-VZ-8

Product Specification

The VMS-CD-VP-VZ-8 Rugged dome camera can perform fast, reliable auto focus and can adapt to different indoor and outdoor scenes through its unique algorithm. As auto focus can be done by the camera itself, no on-site focus adjustment is required.

The VMS-CD-VP-VZ-8 Rugged dome IP camera is protected against punishing weather, vandals, vibration, and shock. Its durability translates into better reliability and usability by reducing maintenance time.

Key Features

- ♦ Motorized Lens 3.6 – 11 mm P-Iris
- ♦ Remote Zoom / Auto Focus Function
- ♦ Triple Power Support (PoE/ DC12V/ AC24V)
- ♦ Quick Connection Mounting
- ♦ Vandal Proof IK10
- ♦ Progressive Scan CMOS Sensor
- ♦ 8M Resolution
- ♦ Multi Exposure HDR
- ♦ Multi Codec support (H.265 / H.264 / MJPEG)
- ♦ Quad Streams support
- ♦ True Day/Night function (ICR)
- ♦ IR LED (working distance up to 40m)
- ♦ 3D Motion Compensated Noise Reduction
- ♦ Smart Event function- External Input/ Motion Detection/ Network Failure Detection/ Tampering Alarm/ Periodical Event/ Manual Trigger/ Audio Detection
- ♦ Micro SD/SDHC/SDXC Card support
- ♦ ONVIF Profile S/G/Q/T support
- ♦ Weatherproof (IP66)
- ♦ Vandal Proof (IK10 Rating)
- ♦ Zero-Down-Time(ZDT) Power Switching

VMS-CD-VP-VZ-8 IR Rugged Dome Camera Specifications

Custom Specification Sony 4K

Image Sensor	Sony 4K 1/1.8" Progressive CMOS
Effective Pixels	HxV = 3864x2180(4K)
Pixel Size	2.0 μm
Frame Rate (Maximum)	H.265 HDR 4K @30fps + 2M @30fps H.264 HDR 4K @30fps + 2M @30fps MJPEG 1080p @30fps

Lens: Default

Minimum Illumination	Color	0.04 lux
	B/W	0.002 lux
Lens	Type	Motorized Lens, P-Iris, F1.5 3.6-11mm
	Focal Length	
	Horizontal FOV	115.0^o (wide), 47.5^o (tele)
	Vertical FOV	61.2^o (wide), 27.0^o (tele)

Camera

Day and Night	Automatically removable IR-cut filter
Shutter Time	1~1/10K sec.
HDR	Yes
Zoom	Optical zoom, digital zoom ready by lens type
Image Settings	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Corridor Mode	90°, 180°, 270° rotation

Video Codec

Compression	H.265/H.264/MJPEG
Streaming	Up to 4 individually configurable streams in H.265/H.264/MJPEG Configurable resolution/frame rate/bandwidth LBR/VBR/CBR in H.265/H.264

Audio Codec

Compression	G.711 / G.726 / AAC / LPCM
Streaming	2 way
Audio Input	Line in
Audio Output	Line out

Network

Interface	1Gbps Ethernet
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
Onvif	Profile S / G / Q/ T conformant

System Integration

Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation Video and audio recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email

Intelligent Video Analytics

General Analytics	Motion Detection/Tampering/Audio detection

General

Casing	Metal Body
Power	PoE IEEE802.3af, class 0 , max 11.67 watt DC12V, max 12.14 watt AC24V, max 11.99 watt, max 20.02 VA
Connectors	RJ45 Alarm in x1, Alarm out x1, Terminal Block DC12V Terminal Block AC 24V Terminal Block Audio in Terminal Block Audio out Terminal Block CVBS Connector
IR Illumination	Illumination distance: 40m
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS
Operating Conditions	-30°C~55°C without heater -55°C~55°C with heater 10%~90%, No Condensation
Storage Conditions	-20°C~70°C
Approvals	EMC CE / FCC Safety LVD Environment IP66, IK10
Dimensions	Ø133.8x117.4 mm
Weight	760 g
Warranty	2 YEAR return to base warranty