



VALUE

Value Motorized Enhance Dome

2MP/4MP/5MP Motorized Varifocal Network Camera

Real-time High Definition Camera

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1080i/720p can be delivered for recording and monitoring. As a result, ultimate low speed without fluctuations as well as ultra high speed without jerks can be obtained.

Triple codec, Simultaneous Multi Streaming

Triple codec, Simultaneous Multi Streaming Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to monitor video remotely using H.265 and transmit to Network Video Recorder as well.

Day & Night by ICR

Day & Night by ICR For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.

90° Tilting

90° Tilting The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

FEATURES

- 1/2.8" progressive scan CMOS.
- Upto 5MP(2592×1944) @25/30fps resolution.
- 2.7~13.5mm motorized lens.
- WDR, 3D DNR, ROI, HLC, BLC, Defog.
- Support face, human, vehicle detection.
- Smart IR up to 40m.



VALUE SERIES

TECHNICAL SPECIFICATION

CAMERA

	MV-V227-CMED (2MP)	MV-V427-CMED (4MP)	MV-V527-CMED (5MP)
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	2MP 1080P	4MP	5MP
Effective Pixels	1920(H)×1080(V)	2592(H)×1944(V)	2592×1944
Electronic Shutter Time	Auto/Manual, 1/5 ~ 1/20,000s		
Minimum Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), B/W: 0 Lux @ (IR LED ON)	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)
S/N Ratio	55dB		
Day/Night	IR cut filter	Auto(ICR)/Day/Night/Time	IR cut filter
Wide Dynamic Range	True WDR		
IR Range	Up to 40 m (131.2 ft)		
IR On/Off Control	Auto/Manual		
Pan/Tilt/Rotation Range	Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotation: 0° ~ 355°		

LENS

Lens Type	Motorized lens		
Iris	Fixed Iris		
Focal Length	2.7 ~ 13.5 mm		
F Number	F1.6		
Angle of View	H: 101°~28°, V: 54°~16°	H: 100.6° ~ 28.7°, V: 54.3° ~ 16.1°	H: 87.5°~26°, V: 64.8°~19.9°

VIDEO

Streaming Capability	3 Streams		
Stream 1	1920×1080, 1280×720 @ 25/30fps	2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25fps/30fps	2592×1944, 2592×1520, 1920×1080, 1280×720 @ 25/30fps
Stream 2	D1, VGA, 640×360, CIF, QVGA @ 25/30fps		D1, VGA, CIF @ 25/30fps
Stream 3	VGA, CIF, QVGA @25/30fps		
Bit Rate Control	CBR/VBR		
Bit Rate Stream1	200kbps~12Mbps	200kbps~6Mbps	200kbps~12Mbps
Bit Rate Stream2	100kbps~6Mbps	100kbps~6Mbps	100kbps~6Mbps
Bit Rate Stream3	100kbps~3Mbps	100kbps~3Mbps	100kbps~3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)		

IMAGE

Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable		
Aisle Mode	Support		
Mirror	Support		
White Balance	Auto/Manual		
Day/Night Setting	Auto, Day, Night, Time		
Smart IR	Support		
Noise Reduction	2D/3D DNR		
Image Enhancement	WDR/HLC/BLC	HLC, BLC, Defog	

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TECHNICAL SPECIFICATION

IMAGE

	MV-V227-CMED (2MP)	MV-V427-CMED (4MP)	MV-V527-CMED (5MP)
Motion Detection		Support	
Privacy Masking		Support	

AI Function

	MV-V227-CMED (2MP)	MV-V427-CMED (4MP)	MV-V527-CMED (5MP)
Multi-Object Detection	Supports face, human, vehicle detection and capture	N.A	Supports face, human, vehicle detection and capture
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle)	N.A	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle)

AUDIO

	MV-V227-CMED (2MP)	MV-V427-CMED (4MP)	MV-V527-CMED (5MP)
Compression	G.711, RAW_PCM	N.A	G.711, RAW_PCM
Bit Rate	8kbps, 16kps, 64kbps	N.A	8kbps, 16kps, 64kbps

NETWORK

Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL		
Interoperability	ONVIF, SDK, CGI		
Streaming Method	Unicast		
Max. User Access	10 Users		
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge		

INTERFACE

Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port	1 Ethernet (10/100 Base-T) RJ-45 Connector
Reset Button	Support		
SD Card Slot	Built-in, up to 256GB		

GENERAL

Power Supply	DC12V (-25%~+10%)/POE (IEEE 802.3af)	DC12V/POE (IEEE 802.3af)	DC12V (-25%~+10%)/POE (IEEE 802.3af)
Power Consumption	Max 8.5 W	Max 7.5 W	Max 8.5 W
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131 °F)	-30°C ~ 55°C (-22°F ~ 131 °F)	-40°C ~ 55°C (-40°F ~ 131 °F)
Operating Humidity	Less than 90% RH		
Ingress Protection	IP66, IK10		
Certifications	CE/FCC		
Casing	Metal		
Dimensions	Ø130 × 112mm (Ø5.12" × 4.41")		
Net Weight	0.75 kg (1.65 lb)		