MEGApix®

IP Cameras

DWC-MV95WiATW

5MP vandal dome IP camera with 2.8~12mm vari-focal lens with remote auto-focus and IR

5MP Resolution

2.8-12mm Vari-Focal Lens

WDR

Smart IR™

IP67 Rated

5 YEAR Warranty

Features

- 5MP 1/2.7 image sensor at real-time 30fps
- 2.8-12mm vari-focal lens with motorized zoom and auto-focus
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 164ft range Smart IR™
- Object classification video analytics
- Line crossing video analytics
- Perimeter intrusion video analytics
- Video tampering with scene change detection video analytics
- Video tampering with video blur detection video analytics
- Video tampering with abnormal color detection video analytics
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)

- De-Fog™ extreme weather image compensation
- Auto white balance (AWB)
- Motion detection
- Two-way audio with built-in microphone
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- ONVIF conformant, profile S
- NDAA compliant
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty

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Specifications

Electrical	
American wire gauge (AWG)	Cable type #18
Power Consumption	DC12V: max 9.0W, 750mA, PoE: max 9.0W
Power Requirements	PoE, IEEE 802.3af Class 3, (Adapter not included), 12V DC
Environmental	
Compliance	NDAA Compliance, CE, FCC, RoHS, ONVIF
Environmental Operating Humidity	0-95% RH (non–condensing)
Environmental Operating Temperature	-22 F ~ 140 F (-30 C ~ 60 C)
Mounting Accessories (Required/Optional)	Optional. Sold separately
General	
Warranty	5 Year Warranty
I/O	
Audio compression	G.711A / U
I/O Alarm in/out	1 input, 1 output
I/O Audio in/out	1 input, 1 output, 1 microphone built-in, *Cameras provide a line level audio. The use of amplified microphones and speakers is recommended.
Image	
Image sensor	5MP 1/2.7 CMOS sensor
Maximum resolution	5MP
Minimum Scene Illumination in color	0.01 lux (color), 0.0 lux (B/W)
Test Video Output	CVBS video output for testing
Total Pixels	2592 (H) 1944 (V)
Lens	
Advanced Lens Features	Motorized zoom, Auto focus
Focal Length	2.8mm ~ 12mm
Horizontal Field of View (HFOV)	95.1 ~ 30
IR Distance	164' range Smart IR™
Lens Type	Vari-focal Lens
Mechanical	
Camera Dimensions (H X W X D)	5.43" x 3.93" (138 x 100 mm)
Housing	Vandal Dome
IK rating	IK10 Rated
IP rating	Weather Resistant (IP67)
Materials	Aluminum die-casting, Polycarbonate lens cover
Weight	1.98 lbs (0.9kg)
Network	
Bitrate Control	Multi-streaming CBR/VBR at H.264, H.265 (controllable frame rate and bandwidth)
IP	IPv4, IPv6
LAN	802.3 compliance 10/100 LAN
Network resolution	5MP, 4MP, 2K, 3MP, 2.1MP/1080P, 720P (60Hz: 1 ~ 30fps; 50Hz: 1-25fps), HFR mode: 1080P / 720P (60Hz: 1 ~ 60fps; 50Hz: 1-50fps)
Network Web Viewer	Windows OS, Mac OS, Linux OS, Internet Explorer browser, Google Chrome browser, Mozilla Firefox browser, Safari browser

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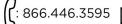: 866.446.3595   : sales@digital-watchdog.com   : www.digital-watchdog.com

Specifications

Protocol	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPs, ICMP, IGMP, NTP, ONVIF, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, UDP, UPnP
Security	HTTPS (TLS), IP filtering, MAC filtering, Digest authemtication (ID/PW), SSL
Stream Speed	Up to 30fps at all resolutions
Streaming Capability	Dual-stream at different rates and resolutions
Video Bitrate	64Kbps~8Mbps
Video Compression Type	H.264, H.265, MJPEG
Video Management Software	DW Spectrum IPVMS, Any ONVIF conformant CMS
Operational	
3D digital noise reduction	Smart DNR™ 3D Digital Noise Reduction
Auto gain control	Auto
Backlight compensation (BLC)	Yes
Camera Analytics	Line Crossing, Perimeter Intrusion, video Tampering Detection (Scene Change, Video Blur, Abnormal Color Detection), Object Classification (Differentiate Humans from Objects)
Day and night	Auto day/night, Day (color), Night (B/W)
De-fog	Yes
Memory slot	Micro SD/SDHC/SDXC class 10 card (card not included), Upto 1TB micro SD / exFAT
Mirror/flip	Yes
Motion Detection	Yes
Operational features	True D/N
Operational Notifications	Email, FTP server
Privacy Zones	4 programmable privacy masks
Sharpness	Yes
Shutter Mode	Auto, Manual
Shutter Speed	1/30 ~ 1/100000
White Balance	Yes
Wide Dynamic Range (WDR)	True WDR 120dB

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Accessories (optional)

DWC-MV9CMJ2
Ceiling mount bracket and junction box for vari-focal V9 vandal dome cameras

DWC-MV9JUNC2
Junction box for vari-focal V9 vandal dome cameras

DWC-MV9WMJ2
Wall mount bracket and junction box for vari-focal V9 vandal dome cameras

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