



DWC-MVH2I4WV



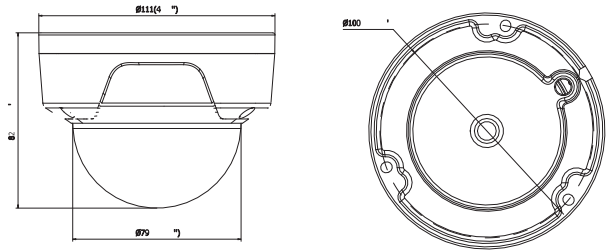
## Summary

The DWC- MVH2I4WV MEGApix® 2.1MP IP Camera provides real-time 1080p resolution at up to 30fps. Advanced technologies include Smart IR™, Wide Dynamic Range (DWDR), Smart DNR™ 3D Digital Noise Reduction and true Day/Night to deliver the best images in any type of lighting environment. Power over Ethernet (PoE) simplifies installation by connecting both power and network through a single cable. All MEGApix® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market. Our weather resistant dome housing is IP66 rated, providing the ultimate benefits of the MEGApix® technology in a rugged enclosure.

## Features

- 1/2.8" CMOS Image Sensor
- Real-time 2.1MP Resolution, 1080P at 30fps
- Dual Codecs (H.264, MJPEG) with Simultaneous Streaming
- 4.0mm Fixed Lens
- Smart IR™ with Intelligent Camera Sync. 100ft Range
- Smart DNR™ 3D Digital Noise Reduction
- Digital Wide Dynamic Range (DWDR)
- True Day/Night Mechanical IR Cut Filter
- Auto Gain Control (AGC)
- Back Light Compensation (BLC)
- Auto White Balance (AWB)
- Programmable Privacy Zones
- Motion Detection
- Web Server Built-in
- PoE and DC12V
- OnVIF Compliant, Profile S
- IP66 Certified (Weather Resistant)

## Dimensions (unit : mm [inch])



## Specifications

IMAGE	
Image Sensor	1/2.8" Progressive Scan CMOS
Total Pixels	1952 x 1236
Effective Pixels	1936 x 1216
Minimum Scene Illumination	F1.2 (30IRE): 0.01 Lux [Color] (AGC ON)
	F1.2 (30IRE): 0.00 Lux [B/W] (AGC ON)
LENS	
Focal Length	4.0mm Lens
Lens Type	Fixed Lens
IR Distance	100ft Smart IR™
Angle of View	85°
OPERATIONAL	
Shutter Mode	Auto
Shutter Speed	1/3s ~ 1/100,000s
Backlight Compensation	On/ Off
D. Wide Dynamic Range	On/ Off
Highlight Masking Exposure	On/ Off
White Balance	MWB, AWB1, AWB2, Locked WB, Fluorescent Lamp, Incandescent Lamp, Warm Light, Natural Light
Digital Image Stabilizer (DIS)	On/ Off
Privacy Zones	4 Privacy Masks
Digital Noise Reduction	Off, Normal, Expert
Day and Night	Auto, Day, Night, Schedule
NETWORK	
LAN	802.3 Compliance 10/100 baseT LAN
Video Compression Type	H.264, MJPEG
Resolution	1920 x 1080
Frame Rate	50Hz: 25fps (1920 x 1080), 25fps (1280 x 720)
	60Hz: 30fps (1920 x 1080), 30fps (1280 x 720)
Streaming Capability	Simultaneous Streaming in different resolutions, rate, and codecs
IP	IPv4, IPv6
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Maximum User Access	32 Simultaneous Users
System Compatibility	ONVIF, PSIA, CGI
Web Viewer	Browser: Internet Explorer, Google Chrome (32-bit) OS: Windows 7 or higher
Video Management Software	DW Spectrum
ENVIRONMENTAL	
Operating Temperature	-30 °C ~ 60 °C (-22°F ~ 140 °F)
Operating Humidity	Less than 95% (Non-Condensing)
IP Rating	IP66 (Weather Resistant)
Other Certifications	FCC, CE, ROHS
ELECTRICAL	
Power Requirements	DC 12V, POE IEEE 802.3af, Class 3 PoE
Power Consumption	LED Off: 5W, 416mA
	LED On: 7W, 583mA
MECHANICAL	
Material	Aluminum Die-casting
Dimensions	4.4 x 3.2 Inch (111 x 82mm)
Weight	1.1 lbs (500 gr)

\*Specifications subject to change without notice.