MEGAPIX
IP Cameras

5MP color in near-total darkness ultra-low profile vandal dome IP camera
DWC-MF5Wi4TW / DWC-MF5Wi6TW / DWC-MF5Wi8TW

STAR-LIGHT PLUS

H.265 H.264/MJPG · 30fps

NDAA COMPLIANT PRODUCT

Dimensions
Unit: Inch (mm)

4.9" (125mm)
1.58" (40.2mm)
2.9" (74.3mm)

Specifications

ONVIF · FC · c(UL)us LISTED
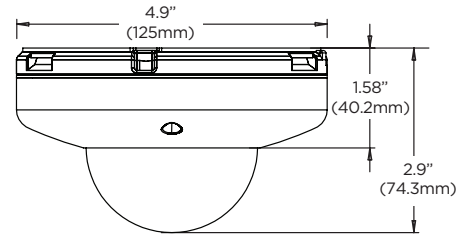
Summary

This NDAA-compliant MEGApix® IP camera provides 5MP resolution at real-time 30fps and includes 4.0, 6.0 and 8.0mm fixed lens options. The camera is powered by Star-Light Plus™ color in near-total darkness technology for quality video in any lighting conditions, all in an IP66-rated, IK-10 impact resistant ultra low-profile vandal dome housing.

Features

- 5MP sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 4.0mm fixed lens (DWC-MF5Wi4TW)
- 6.0mm fixed lens (DWC-MF5Wi6TW)
- 8.0mm fixed lens (DWC-MF5Wi8TW)
- Ultra low-profile vandal dome camera for discrete installation
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 50' Smart IR™ with intelligent camera sync for clear B/W images with no need for external light
- Smart DNR™ 3D digital noise reduction reduces noise and ghosting for motion in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Two-way audio for direct communication between the monitoring station and the camera's location
- Local SD card slot for local recording in case of network loss
- Alarm sensor input and relay output for access control integration
- Web server built-in for easy camera management from any browser
- PoE and DC12V for single cable simplified installation
- NDAA compliant for federal and government projects
- IP66- and IK10-rated camera housing built to last
- 5 year warranty

Accessories (optional)

DWC-VFCMW Wall mount bracket

DWC-VFWMW Junction box

DWC-VFJUNCW Ceiling mount bracket

IMAGE	
Image sensor	5MP 1/2.8" CMOS
Total pixels	2592(H) X 1944(V)
Minimum scene illumination	0.16 lux (color) / 0.0 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 16:9 aspect ratio
LENS	
Focal length	4.0mm, F2.0 (DWC-MF5Wi4TW) 6.0mm, F2.0 (DWC-MF5Wi6TW) 8.0mm, F2.0 (DWC-MF5Wi6TW)
Lens type	Fixed lens
HFOV / VFOV	82.3° / 43° (DWC-MF5Wi4TW) 51.9° / 29° (DWC-MF5Wi6TW) 37.8° / 22° (DWC-MF5Wi8TW)
IR distance	50ft range
I/O	
Audio in/out, compression	1 input/1 output, G.711
Alarm in/out	1 input/1 output
OPERATIONAL	
Intelligent Video Analytics	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.* NOTE: object removed, tailgating, direction, stopped, appear, disappear, object left, and logical rules are available via IVA+ plugin update. For existing cameras, contact your DW sales representative for a complimentary update.
Shutter speed	1/15 ~ 1/32000
Slow shutter	1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10
Auto gain control	Auto
Day and night	Auto, day (color), night (B/W)
3D digital noise reduction	Smart DNR™ 3D-DNR
Wide Dynamic Range (WDR) dB	True WDR, 120dB
Privacy zone	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	E-mail notifications, FTP, alarm output and SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265, H.264: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, D1, CIF MJPEG: 2.1MP/1080p, 720p, 800x600, VGA, 768x432, D1, CIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	100Kbps ~ 10Mbps, multi-rate for preview and recording
Bitrate control	Multi-streaming CBR/VBR at H.264, H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, UDP, AutoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (TLS), IP filtering, 802.1x, digest authentication (ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: IE®, Google Chrome®, Mozilla Firefox®, Safari® NOTE: Chrome browser is recommended for IVA configuration
Video management software	DW Spectrum®
ENVIRONMENTAL	
Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Operating humidity	10-90% (non-condensing)
IK and IP rating	IK10 impact-resistant, IP66-rated
Other certifications	UL listed, CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE (IEEE 802.3af Class 3). (Adapter not included)
Power consumption	DC12V: max 5.9W, PoE: max 7.2W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.9" x 2.9" (125 x 74.3 mm)
Weight	0.92 lbs (0.42kg)
Warranty	5 year warranty

Built for Users™

DW

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