NDAA COMPLIANT PRODUCT

H.265 H.264/MJPEG

30fps

| **4**MP Resolution | 2.8mm Fixed Lens | WDR | Smart IR™ | IP67 Rated | **5**YEAR Warranty |

Summary

These MEGApix® IP cameras are NDAA compliant and deliver crystal-clear images at 4MP resolution and real-time 30fps. The bullet camera features a 2.8mm fixed lens in an IP67-rated, IK10 impact-resistant housing. Added intelligence includes line crossing, perimeter intrusion and video tampering detection. All MEGApix cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 4MP 1/3" image sensor at real-time 30fps
- 2.8mm fixed lens
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 164ft range Smart IR
- 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)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Audio input and microphone built-in
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Web server built-in
- PoE class3 and DC12V
- ONVIF conformant, profile S
- NDAA compliant
- IP67 dust-tight and waterproof to 3 feet
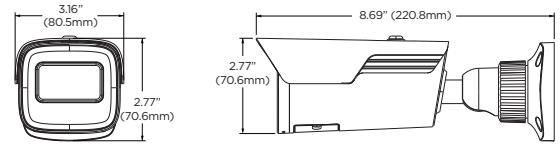- IK 10-rated impact-resistant
- 5 year warranty

ONVIF

Mounting accessories (Optional)

DWC-MBTJUNCW
Junction box

Dimensions
Unit: Inch (mm)

3.16" (80.5mm)
2.77" (70.6mm)
8.69" (220.8mm)
2.77" (70.6mm)

Specifications

IMAGE	
Image sensor	4MP 1/3" CMOS
Total pixels	2560 x 1440
Minimum scene illumination	0.005 lux (color)
	0.0 lux (B/W)
S/N ratio	50dB
LENS	
Focal length	2.8mm, F1.6
Lens type	Fixed lens
Field of view (FoV)	94°
IR distance	164ft range
I/O	
Audio in / out	1 audio input and 1 microphone built-in
Audio compression	G.711A / U
Event Trigger	Motion alarm/sensor alarm
Pre-Post Recording	Pre: 1-5 sec.
	Post: 1-120 sec.
OPERATIONAL	
Shutter mode	Auto, manual
Shutter speed	1/2s ~ 1/100000s
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W), schedule
Smart DNR™ 3D digital noise reduction	3D DNR
Wide dynamic range (WDR)	True WDR low, middle, high
Wide dynamic range (WDR) dB	120dB
Privacy zone	8 programmable privacy masks
Video analytics	Line crossing, perimeter intrusion, video tampering detection (scene change, video blur, abnormal color detection)
Backlight compensation (BLC)	Yes
Mirror and flip	Yes
Alarm notifications	Notifications via email or FTP server
Memory slot	Micro SD / SDHC / SDXC card up to 256GB (card not Included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.265, H.264, MJPEG
Resolution	4MP, 3MP,2.1MP/1080P, 720P, D1, 480x240, CIF (60Hz: 1 ~ 30fps; 50Hz: 1-25fps)
Frame rate	Up to 30fps at all resolutions
Video bitrate	64 Kbps ~ 8 Mbps
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 Maximum three (3) connections/streams at a time
IP	IPv4, IPv6
Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS
Security	IP filtering, MAC filtering, authentication (ID/PW), SSL/TSL
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: MS Edge, IE, Chrome, Firefox
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-22°F ~ 140°F (-30°C ~ 60°C)
Operating humidity	0~95% RH (non–condensing)
IP rating	IP67-rated
IK rating	IK10 impact-resistant
Other certifications	FCC, CE, ROHS, ONVIF, NDAA
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included)
Power consumption	<8W
MECHANICAL	
Material	Metal bullet housing
Dimensions	8.69" x 3.16" x 2.77" (220.8 x 80.5 x70.6 mm)
Weight	1.52 lb (0.69 kg)
Warranty	5 year warranty

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