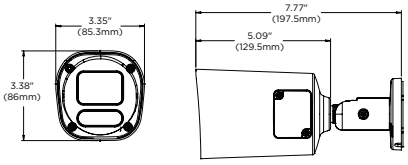
MEGApix® Ai™
Next-generation video analytics

5MP bullet IP camera with Ai and color in near-total darkness
DWC-XSBE05Mi

AI INSIDE | STAR-LIGHT PLUS™ | H.265 H.264/MJPG | 30fps | NDAA/TAA COMPLIANT PRODUCT

Dimensions
Unit: Inch (mm)



Summary

This MEGApix® Ai™ IP camera provides 5MP resolution and a 2.7-13.5mm vari-focal lens. It places the power of Ai deep learning at your fingertips with object detection and people tracking. This camera features Star-Light Plus™ color in near-total darkness technology and is ONVIF conformant, assuring its successful integration with any open platform solution on the market.

Features & Benefits

- 5MP sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- AI Deep Learning object detection
- Create up to 40 separate detection zones.
- Easy setup with no analytics calibration
- Seamless integration and control with DW Spectrum® IPVMS
- Reduce false alarms with multiple detection zones and logic rules.
- Increase your recording storage with smart recording and no false alarms.
- Vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and focused image any time
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 120' 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/TAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

Accessories (optional)

DWC-B7JUNCW
Junction box

DWC-V1CNMW
Corner mount

DWC-PMB-WLW
Pole mount

Specifications

ONVIF | FC | c UL us LISTED

IMAGE	
Image sensor	1/2.8" 5.17M Star-Light Plus™ sensor
Total pixels	2608(H) X 1984(V)
Active pixels	2592(H) X 1944(V)
Minimum scene illumination	0.04 lux (color) 0 lux (B/W)
S/N ratio	50dB
Test monitor video output	Local video output CVBS 1.0V p-p (75Ω), 16:9 aspect ratio
LENS	
Focal length	2.7-13.5mm F1.4
Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
Horizontal Field of view (HFoV)	31.6°-98.3°
Vertical Field of view (VFoV)	23.5°-70.8°
IR distance	120ft range
Optical zoom / digital zoom	5x optical zoom
I/O	
Audio input/output	1 Line (1.0Vms, 3K ohm) input/1 Line output
Audio compression	G.711 ulaw
Alarm input/output	1 input/1 output
Event trigger	Motion alarm, network loss, temperature anomaly, illegal login, schedule, sensor detection
INTELLIGENT VIDEO ANALYTICS	
Deep learning analytics	Deep Learning object tracking
Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
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)	True WDR
Wide Dynamic Range (WDR) dB	120dB
White balance	Auto
Privacy zones	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	Notifications via email notifications, FTP, alarm output and SD card recording
Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265: 2592x1944, 2560x1440, 1920x1080, 1280x720, 800x600, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240 H.264: 2592x1944, 2560x1440, 1920x1080, 1280x720, 800x600, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240 MJPEG: 1920x1080, 1280x720, 800x600, 768x432, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240
Frame rate	Up to 30fps at all resolutions
Video bitrate	100Kbps - 25Mbps,multi-rate for preview and recording
Bitrate control	Multi-streaming CBR/VBR at H.265 (controllable frame rate and bandwidth)
Streaming capability	Triple Streaming (3rd stream MJPEG only)
IP	IPv4
Protocol	TCP/IP, UDP, Auto IP, 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
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Microsoft Edge®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10–90% RH, (non-condensing)
IK rating	IK10 impact-resistant
IP rating	IP67-rated
Other certifications	CE, FCC, UL, NDAA, TAA
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af Class 3 (Adapter not included)
Power consumption	12V DC: 8.8W, 733.3mA PoE: 11.1W, 231.25mA
MECHANICAL	
Material	Aluminum die-casting bullet housing
Dimensions	7.77" x 3.38" (197.5 x 86mm)
Weight	2.13 lbs (0.97 kg)
Warranty	5 year warranty

Built for Users.™

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