MEGApix®
IP Cameras

4MP long range bullet IP camera
DWC-MB44Wi650

-40° Cold Start

4MP Resolution | **6-50mm Vari-Focal Motorized Zoom P-Iris Lens** | **True WDR** | **Smart IR™** | **IP66 Rated** | **5YEAR** Warranty

Dimensions
Unit: Inch (mm)

9.73" (247.2mm)
6.63" (92.4mm)
3.8" (96.7mm)
3.7" (94mm)
5.2" (131.9mm)

* Dimensions based on the position of the sun shield cover

Specifications

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Designed and engineered in U.S.A and Korea

IMAGE	
Image Sensor	4MP 1/3" CMOS
Total Pixels	2688 (H) x 1520 (V)
Minimum Scene Illumination	0.26 lux (color) 0.0 lux (B/W)
Video Output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal Length	6-50mm, F1.6
Lens Type	Motorized-zoom auto-focus p-iris lens
Field of View (FoV)	40.8° ~ 6.9°
IR Distance	140ft range
Optical Zoom	x8.3
I/O	
Audio In/ Out	1/1
Audio Compression	G.711
Alarm In/Out	1/1
OPERATIONAL	
Shutter Mode	Auto, manual, anti-flicker, slow shutter
Shutter Speed	1/15~1/32000
Slow Shutter	off, x2, x3, x5, x6, x7.5, x10
Auto Gain Control	Auto
Day and Night	Auto, day (color), night (B/W)
Smart DNR™ 3D Digital Noise Reduction	0-11
Wide Dynamic Range (WDR)	True WDR off, WDR2x, WDR3x
Wide dynamic range (WDR) dB	120dB
Privacy Zone	16 programmable privacy masks
Alarm Notifications	Notifications via e-mail, FTP server, alarm output activation or SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video Compression Type	H.264, MJPEG
Resolution	H.264: 1440p/1080p/720p/VGA/D1/CIF MJPEG: 1280x720/800x600/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 (controllable frame rate and bandwidth)
Streaming Capability	Dual-stream at different rates and resolutions
IP	IPv4
Protocol	Zero config(Auto IP), ONVIF, TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
Security	HTTPS (TLS), IP filtering, 802.1x, digest authentication (ID/PW)
ONVIF Conformance	Yes
Web Viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video Management Software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating Temperature	-40°F ~ 122°F (-40°C ~ 50°C)
Operating Humidity	10–90% RH (non–condensing)
IP Rating	IP66-rated
Other Certifications	CE, FCC, RoHS, UL listing
ELECTRICAL	
Power Requirement	DC12V, PoE (IEEE 802.3af class 3). Adapter not Included.
Power Consumption	DC12V: Max 11W PoE: Max 12.9W
MECHANICAL	
Material	Aluminum bullet housing
Dimensions	9.73" x 3.8" (247.2 x 96.7mm) *Dimensions based on the position of the sun shield cover
Weight	1.98 lbs (0.9kg)
Warranty	5 years warranty

Summary

These MEGApix® IP cameras deliver crystal-clear images at 4MP resolution at real-time 30fps. Features include 6-50mm long range p-iris lens, Smart IR™, Smart DNR™ and WDR for quality video in challenging lighting environments. The IP66 rated weather resistant housing is easy to install and will cold start at -40° F/-40° C.

Features

- 4MP 1/3" image sensor at real-time 30fps
- 6~50mm motorized zoom auto-focus p-iris lens
- True Wide Dynamic Range (WDR)
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- Cold Start -40°F (-40°C)
- 140' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- 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
- UL listed
- OnVIF Conformant, Profile S
- NDAA/TAA compliant
- IP66 Weather and Tamper Resistant
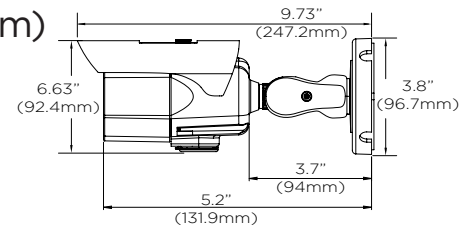- 5 Year Warranty

ONVIF

Accessories (Optional)

DWC-BLJUNC
Junction Box

DWC-PMB-BU
Pole Mount Bracket

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