



-40°
Cold Start

4



5 YEAR
Warranty

Megapixel Camera as a System No Server Required Up to 30 Cameras LPR Warranty

Summary

CaaS™ cameras are an all-in-one VIDEO SURVEILLANCE SYSTEM!
No server hardware is required.

MEGApix® CaaS™ series IP cameras combine the cameras with the ease and power of DW Spectrum® IPVMS and on-board storage.

DW Spectrum® IPVMS server is installed and licensed.

Features

- 4MP 1/3" image sensor at real-time 30fps
- 6-50mm motorized zoom auto-focus p-iris lens
- License plate recognition technology captures reflective license plates up to 50mph with up to 60' capture range
- Reliable performance under any lighting conditions
- DW Spectrum® IPVMS camera as a server
- Easily deploy with pre-loaded video management system (VMS) software on camera for out-of-the-box operation
- Automatic installation and licensing with first power on - Simply mount camera, connect and see your video
- Saves time and money with **no server hardware required**
- Connect up to 30 MEGApix® CaaS™ edge cameras simultaneously in a single system
- Dual recording option with Blackjack® NAS appliance
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- Cold start -40°F (-40°C)
- 60' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- Programmable privacy zones
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- Built-in 64GB or 128GB memory options
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- 5 year warranty



Accessories (Optional)



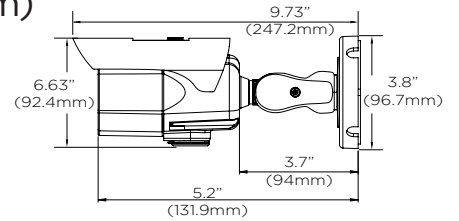
DWC-BLJUNC
Junction Box



DWC-PMB-BU
Pole Mount Bracket

Dimensions

unit : Inch (mm)



* Dimensions based on the position of the sun shield cover

Specifications



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 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
Resolution	4MP (2560 x 1440)
LENS	
Focal length	6.0 - 50mm, F1.6
Lens type	Motorized zoom auto-focus p-iris lens
Field of view (FoV)	90° - 7.3°
IR distance	60ft range
Optical zoom	x8.3
OPERATIONAL	
Image capture range	Up to 60' and up to 50 MPH
Shutter mode	Auto, manual, anti-flicker
Shutter speed	1/15-1/32000
Slow shutter	off, x2, x3, x5, x6, x7.5, x10
Auto gain control	Auto
Day / night	B/W mode only
Smart DNR™ 3D digital noise reduction	0-11
Privacy zone	16 programmable privacy masks
Alarm notifications	Notifications via e-mail, FTP server, alarm output activation or SD card recording
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.264, MJPEG
Resolution	H.264: 1440p/1080p/720p/VGA/D1/CIF MJPEG: 1280 x 720/800 x 600/VGA/768 x 432/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	ONVIF, TCP/IP, UDP, autoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, CMP, SNMPv1/v2c/v3 (MIB-2)
Security	HTTPS (SSL), IP filtering, 802.1x, digest authentication (ID/PW)
Maximum user access	5 users
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
Number of DW Spectrum® CaaS™ licenses included	1 DW Spectrum® CaaS™ license included
Local server recording	DWC-MB44LPRC6: 64GB local memory for recording DWC-MB44LPRC1: 128GB local memory for recording
Max. number of CaaS™ cameras in the same network/system	Up to 30 MEGApix® CaaS™ cameras in the same network/system
ENVIRONMENTAL	
Operating temperature	-40°F - 122°F (-40°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP66 certified weather and tamper resistant
Other certifications	CE, FCC, RoHS, UL listed
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af class 3 (adaptor 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)