MEGApix® CaaS™ — Camera as a System

ALL in 1™ — Camera as a System

VARI-FOCAL LENS with MOTORIZED ZOOM & AUTO FOCUS

−40° Cold Start™

DW Spectrum® inside

4MP Resolution	DW spectrum All-in-one cameras	No Server Required	**256GB 128GB 64GB** Storage	**30x** Up to 30 Cameras	DW4LPR LPR	**5**YEAR 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

Summary

MEGApix® CaaS™ all-in-one series of IP cameras combine the cameras with the ease and power of DW Spectrum® IPVMS and on-board storage. DW Spectrum® IPVMS server is pre-installed and licensed. No additional server hardware is required.

The 4MP License Plate Recognition (LPR) camera is engineered to capture license plates of moving vehicles in extreme light conditions, from ranges of up to 60' at up to 50mph. Combine the CaaS™ solution with the DW® Blackjack® NAS device for long term storage needs.

Features

- All-in-one cameras, no server required
- 4MP 1/3" image sensor at real-time 30fps
- 6~50mm vari-focal p-iris lens with motorized zoom and auto-focus
- License plate recognition technology captures reflective license plates up to 50mph with up to 60' capture range
- Reliable performance under any lighting conditions
- Built-in 256/128/64GB storage options for up to 30 days retained video
- Easily to deploy with pre-loaded DW Spectrum® IPVMS for out-of-the-box operation
- 24/7 access to live and recorded video feed
- Automatic installation and licensing with first power on
- Connect up to 30 MEGApix® CaaS™ edge cameras
- True Wide Dynamic Range (WDR)
- 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
- 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
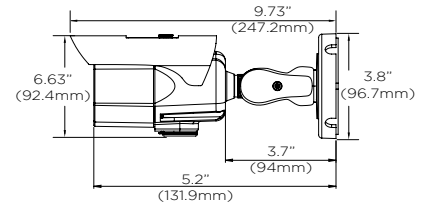- 5 year warranty

ONVIF

Accessories (Optional)

DWC-BLJUNC Junction box

DWC-PMB-BU Pole mount bracket

Specifications

Designed and engineered in U.S.A and Korea

c UL us LISTED

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-MB44LPRC2: 256GB local memory for recording DWC-MB44LPRC1: 128GB local memory for recording DWC-MB44LPRC6: 64GB 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-rated
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)
Warranty	5 year warranty

DW

: 866.446.3595   : sales@dwcc.tv   : www.digital-watchdog.com

DW® — Complete Surveillance Solutions™