Simple to Deploy, Effortless to Maintain.™

MEGApix®
CaaS™
Camera as a System

MEGApix® CaaS™ is designed for Small Business.

DW®
Complete Surveillance Solutions™

![MEGApix CaaS - Camera as a System]

What is CaaS?

DW's Camera as a System edge solutions allow business owners to setup a complete single- or multi-site surveillance system with no server or NVR required.

DW's CaaS™ all-in-one cameras operate as edge recorders, storing HD IP video locally, available in 256GB, 128GB or 64GB storage options providing up to 30 days of retained video. The cameras can easily be managed with DW Spectrum® IPVMS pre-installed on the cameras. No software to buy and install, no license keys and no OS to maintain.

All-in-one cameras that do not require NVR's, DVR's or on-premise servers

MEGApix® CaaS™ cameras act as an all-in-one solution, handling recording, notifications, management and monitoring all accessed remotely, with no need for a dedicated server or remote recorder.

User Management

Export and share

Search

Playback

30 Days of Retained Video
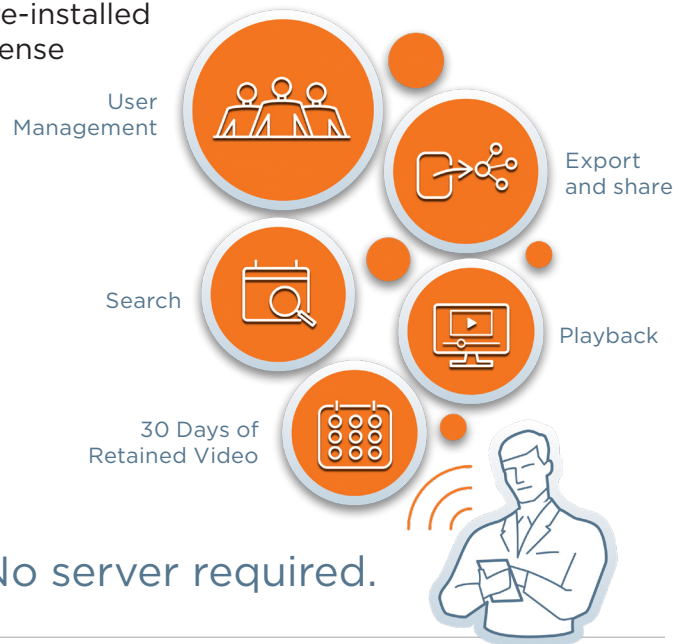
No server required.

Features:

4MP/5MP Resolution	DW Spectrum All-in-one cameras	No Server Required	Fisheye Lens	DW4LPR LPR	256GB 128GB 64GB Storage	30x Up to 30 Cameras	IP66 Rated	5 YEAR Warranty

- All-in-one cameras, no server required
- 5MP and 4MP image sensor options
- LPR technology captures reflective license plates up to 50mph*
- Reliable performance under any lighting conditions*
- Built-in 256/128/64GB storage options for up to 30 days retained video*
- Support 360° hemispheric fisheye view and 360°, 180° and 90° panoramic views*
- Edge-to-edge image clarity
- 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)*
- 50-140ft smart IR™ with intelligent camera sync*
- CleanView™ hydrophobic dome coating*
- Smart DNR™ 3D digital noise reduction
- True day/night with IR cut filter
- Programmable privacy zones

- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio*
- Alarm sensor input*
- Relay output*
- Web server built-in
- PoE and DC12V
- Waterproof cabling*
- IP66 rated weather and tamper resistant
- IK10-rated impact-resistant*
- 5 year warranty

Onvif

* On supported models

Simple to deploy, effortless to maintain

MEGApix® CaaS™ all-in-one cameras offer a quick and effortless path from installing the camera to watching and recording in minutes. Just install the camera, download the DW Spectrum® client software, activate the licenses and start watching.

1 Install
2 Download
3 Activate
4 Monitor
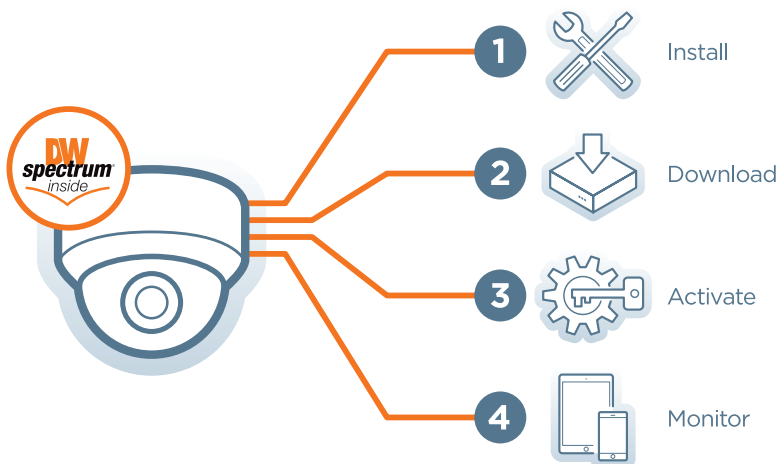
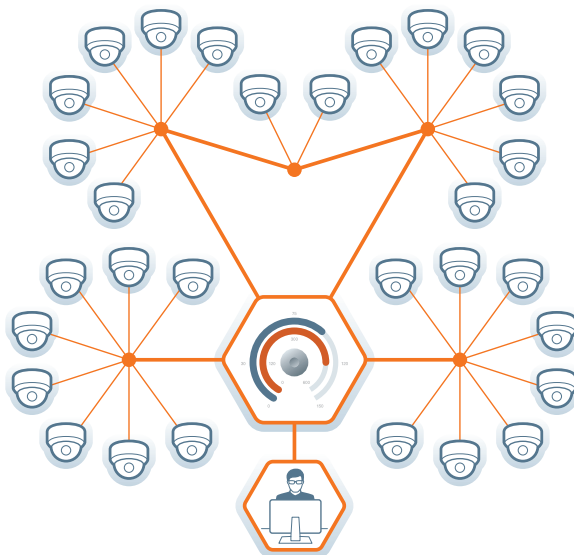## DW Spectrum® IPVMS is pre-loaded and easy to use

DW Spectrum® IPVMS is an endlessly customizable IP Video Management platform that gives users the ability to create tailored network video solutions for anytype of project, from the office or on in the field.

Built for Users.™

Bandwidth conscious

Our ground-breaking architecture places video storage on the camera, not in the cloud or a remote server, placing network flow as a top priority and ensuring that critical network activities get the bandwidth they require.
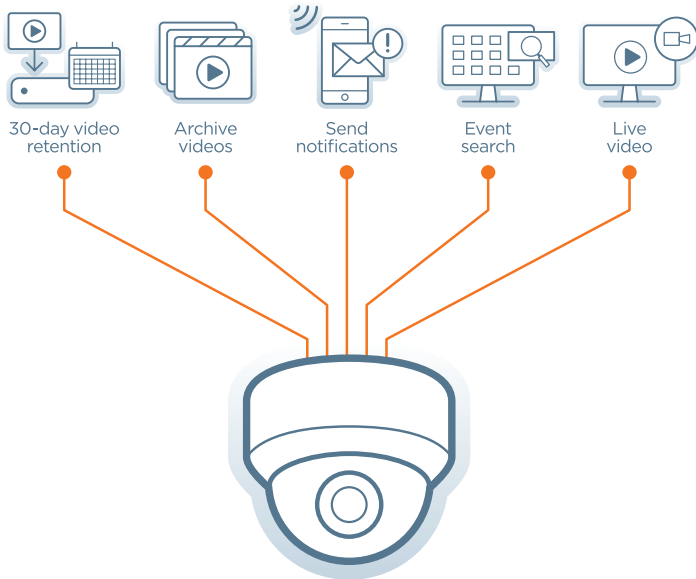
Camera as a System

View up to 30 CaaS™ cameras simultaneously.
No server required.

The CaaS™ solution supports up to 30 CaaS IP cameras in a single network.

Blackjack® NAS

30-day video retention

Archive videos

Send notifications

Event search

Live video

30 days of retained video

Get access to up to 30 days of recorded data all stored locally on the camera, manageable and archived remotely.

Remote monitoring via DW Cloud™

The CaaS™ solution supports up to 30 cameras in the network, all accessible and manageable remotely via the DW Spectrum® client, apps and the DW Cloud™ webpage.

Blackjack® NVR

Firewall

DW Spectrum® Remote Client
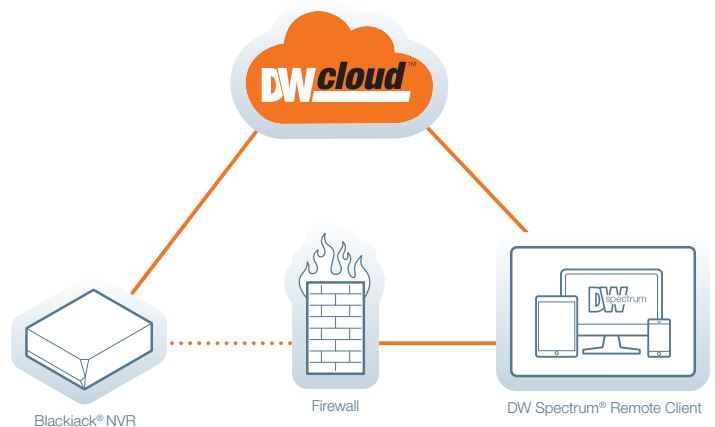
Easy and Safe

DW's Camera as a System edge solutions offer the power and security of the DW Spectrum® IPVMS in a simple and user-friendly deployment.

Easy to use software

Powered by DW Spectrum®, the CaaS™ IP cameras are fast, intuitive and simple to manage.

No need for open ports

With DW® Cloud™, users can access all their systems with no need for port forwarding or complicated network setup.

Auto software updates

DW Spectrum® provides automatic and remote software updates, with no additional costs and recurring charges.

Encrypted and secure

DW Spectrum® IPVMS allows only secure connections and encrypted video and traffic between servers and clients.

Cross-platform

View your MEGApix® CaaS™ IP cameras from any computer, laptop, smartphone or tablet.

Full control, remote access and live notifications

DW's Camera as a System edge solutions bring you the capabilities of a full-scale VMS in an IP camera. You can access, manage and monitor your system remotely quickly and effeciently.

24/7 access

Access your edge cameras' live and archive data remotely, anytime, anywhere with an internet connection.

Multi-user access

Assign multi-level users with different access to the cameras. Have up to 10 users access the camera simultaneously.

Activity-based search

Quickly find events of interest in your archive with smart action-driven search and thumbnail views.

Easy archive and sharing

When you locate the event you are looking for, exporting it and sharing with other users is fast and simple.

Alerts and notifications

Get instant notifications on your mobile phone, monitoring client and your e-mail when something is not right.

DW

360° hemispheric fisheye view and 360°, 180° and 90° panoramic views at real-time 30fps

360° fisheye view IP cameras MEGApix® Pano™ 360° view fisheye cameras with IR monitor an entire room with a single camera, providing the ultimate ROI.

90° View

180° View

360° View

Fisheye View
Click to Dewarp
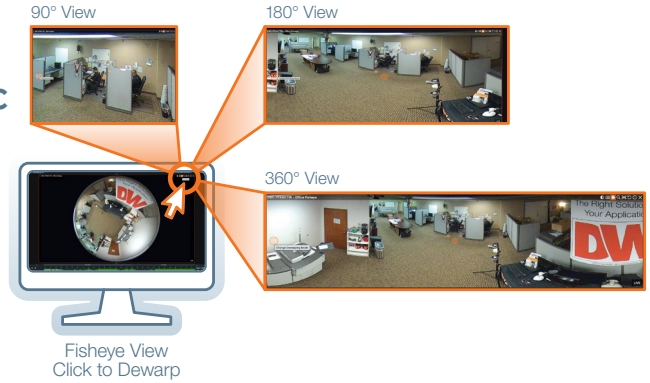
True wide dynamic range (WDR)

Cameras with true WDR technology can process a wider range of lighting, recording details in complex and mixed lighting environments.
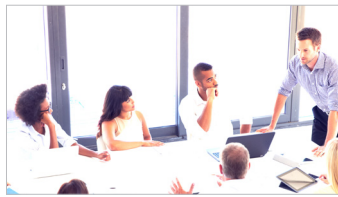

Image is under exposed

Image is over exposed

WDR image is clear and balanced

Easily add storage capacity

Blackjack® NAS devices can be implemented into a MEGApix® CaaS™ network and offers lower cost and greater flexibility than adding additional servers to an existing system.

CleanView™ hydrophobic dome coating

The CleanView™ coating improves visibility by reducing water spots, dust and grease build-up on the camera dome housing's glass. The CleanView™ coating treatment will allow liquid to roll off of the dome's glass surfaces, preventing IR reflections due to dust and smudges.
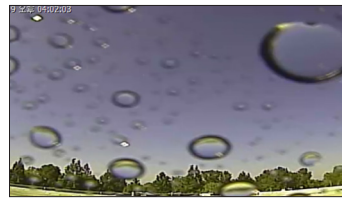
Camera view without CleanView™

Camera view CleanView™

License plate recognition (LPR) camera

Capture license plates in moving vehicles at up to 50mph in extreme low light visibility.

DW IP LPR camera

Non LPR camera

Camera Specifications

PART NUMBER	DWC-PVF5M1TIRC6 DWC-PVF5M1TIRC1 DWC-PVF5M1TIRC2	DWC-MB44iALPRC6 DWC-MB44iALPRC1 DWC-MB44iALPRC2	DWC-MB44WiAC6 DWC-MB44WiAC1 DWC-MB44WiAC2	DWC-MB44Wi650C6 DWC-MB44Wi650C1 DWC-MB44Wi6502	DWC-MV84WiAC6 DWC-MV84WiAC1 DWC-MV84WiAC2	DWC-MF4Wi6C6 DWC-MF4Wi6C2 DWC-MF4Wi6C1	DWC-MF4Wi6C6 DWC-MF4Wi6C2 DWC-MF4Wi6C1
Image — Image sensor	6.4MP 1/1.8" CMOS	4MP 1/3"x CMOS	4MP 1/3" CMOS	4MP 1/3" CMOS	4MP 1/3" CMOS	4MP 1/3" CMOS	4MP 1/3" CMOS
Image — Total pixels	3096 (H) X 2080 (V)	2688 (H) x 1520 (V)	2688 (H) x 1520 (V)	2688 (H) x 1520 (V)	2688 (H) x 1520 (V)	2688 (H) x 1520 (V)	2688 (H) x 1520 (V)
Audio input/ output	---	1 line in, 1. line out	---	---	---	---	---
Lens — Focal length	1.55mm, F2.5	6.0 ~ 50mm, F1.6	2.8 ~ 12mm, F1.4	6 ~ 50mm, F1.4	2.8 ~ 12mm, F1.4	6.0mm F2.0	6.0mm F2.0
Lens — Lens type	Fisheye lens	Motorized zoom auto-focus p-iris lens	Motorized zoom auto-focus p-iris lens	Motorized zoom auto-focus p-iris lens	Motorized zoom auto-focus p-iris lens	Fixed lens	Fixed lens
Lens — IR distance	55ft range	60ft range	120ft range	140ft range	100ft range	50ft range	50ft range
Lens — Field of view (FoV)	360°	90° ~ 7.3°	87° ~ 32°	90° ~ 7.3°	87° ~ 32°	51°	51°
Operational — Image capture range	---	Up to 60' and 50 MPH	---	---	---	---	---
Operational — Digital noise reduction (DNR)	Smart DNR™ 3D digital noise reduction						
Operational — Wide dynamic range	D-WDR	---	True WDR	True WDR	True WDR	True WDR	True WDR
Operational — Alarm input	---	1 alarm input	1 alarm input	1 alarm input	---	---	---
Operational — Alarm output	---	1 alarm output	1 alarm output	1 alarm output	---	---	---
Network — Streaming capability	Dual-stream at different rates and resolutions						
Network — Video management software	DW Spectrum® IPVMS						
Network — Number of DW Spectrum® CaaS™ licenses included	1 DW Spectrum® CaaS™ license included						
Network — Local server recording	DWC-PVF5M1TIRC6: 64GB local memory for recording / DWC-PVF5M1TIRC1: 128GB local memory for recording / DWC-PVF5M1TIRC2: 256GB local memory for recording	DWC-MB4LPRC6: 64GB local memory for recording / DWC-MB4LPRC1: 128GB local memory for recording / DWC-MB4LPRC2: 256GB local memory for recording	DWC-MB44WiAC6: 64GB local memory for recording / DWC-MB44WiAC1: 128GB local memory for recording / DWC-MB44WiAC2: 256GB local memory for recording	DWC-MB44Wi650C6: 64GB local memory for recording / DWC-MB44Wi650C1: 128GB local memory for recording / DWC-MB44Wi650C2: 256GB local memory for recording	DWC-MV84WiAC6: 64GB local memory for recording / DWC-MV84WiAC1: 128GB local memory for recording / DWC-MV84WiAC2: 256GB local memory for recording	DWC-MF4Wi6C6: 64GB local memory for recording / DWC-MF4Wi6C1: 128GB local memory for recording / DWC-MF4Wi6C2: 256GB local memory for recording	DWC-MF4Wi6C6: 64GB local memory for recording / DWC-MF4Wi6C1: 128GB local memory for recording / DWC-MF4Wi6C2: 256GB local memory for recording
Network — Max. number of CaaS™ cameras in the same network/ system	Up to 30 MEGApix® CaaS™ cameras in the same network/system						
Environmental — Housing	Fisheye vandal dome	Vandal outdoor bullet	Vandal outdoor bullet	Vandal outdoor bullet	Outdoor vandal dome	Outdoor vandal dome	Outdoor vandal dome
Environmental — Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)	-40°F ~ 122°F (-40°C ~ 50°C)	-40°F ~ 122°F (-40°C ~ 50°C)	-40°F ~ 122°F (-40°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)
Environmental — IP rating	IP66 rated						
Environmental — IK rating	---	---	---	---	IK10 rated	IK10 rated	IK10 rated

DW PIP
Partner Integrator Program ™

Support and resources to ensure our success.

Exceptional pricing and service for our best customers.

The DW Partner Integrator Program is dedicated to those who sell the complete line of DW video surveillance solutions.

What's in it for me?

With your annual purchase commitment, you receive:

- Partner pricing program
- Project registration program
- DW University™ training and certification
- Demo equipment program

- Product roadmap meetings
- Marketing collateral (MDF)
- Extended warranty
- Enhanced tech support experience

See program details for qualifications and inclusions at:

portal.digital-watchdog.com

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Complete Surveillance Solutions™