All-In-One surveillance system.

MEGAPIX®

CaaS™

Camera as a System

No server required.

DW spectrum inside
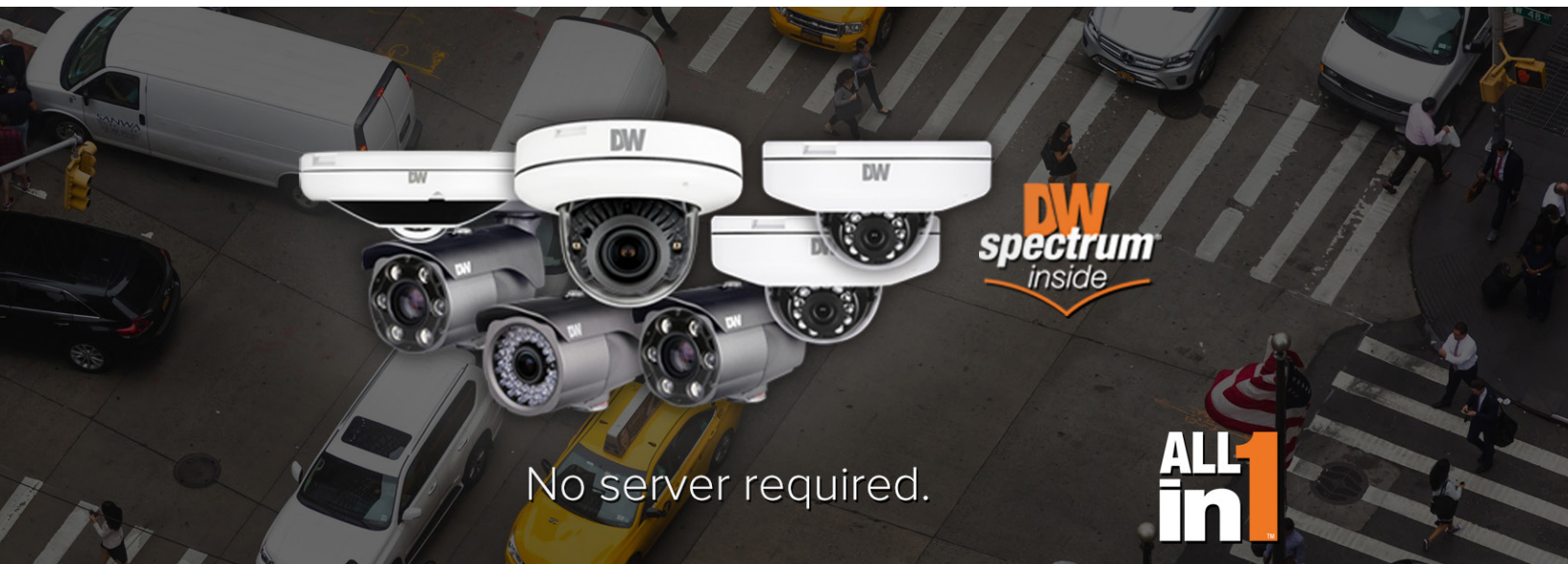
ALL in1™

MEGApix® CaaS™ is designed for Small Business.

DW®

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MEGAPIX CaaS
Camera as a System

What is CaaS?

DW's Camera as a System edge solutions allow business owners to build a complete single- or multi-site surveillance system with no server or NVR required. These all-in-one cameras operate as edge recorders, storing high-definition IP video locally (256GB, 512GB and 1TB storage options).
The cameras can easily be managed via the full-featured DW Spectrum® IPVMS pre-installed on the cameras. The software lets you access your system from any computer, any mobile phone and any tablet, with no recurring fees or high network bandwidth dependencies. 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.

All-in-one cameras.

User management

Export and share

Search

Playback

90 days of retained video

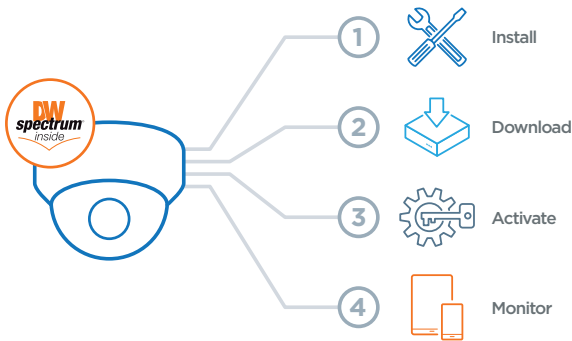**No server required.**

DW spectrum® inside

DW Spectrum® IPVMS

Pre-loaded with DW Spectrum® IPVMS, access and control from your phone or tablet: Our iPhone® and Android® app allow you to check in on your business from across town or across the country.

Built for Users.™

DW

① Install

② Download

③ Activate

④ Monitor

Simple to deploy, effortless to maintain

The 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.

Camera as a System

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

View multiple CaaS™ cameras simultaneously.
**No server is required.**

Blackjack® NAS
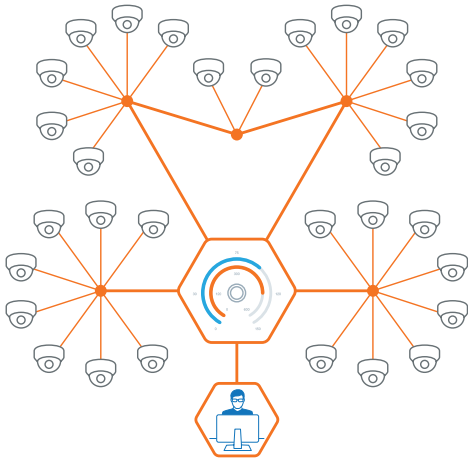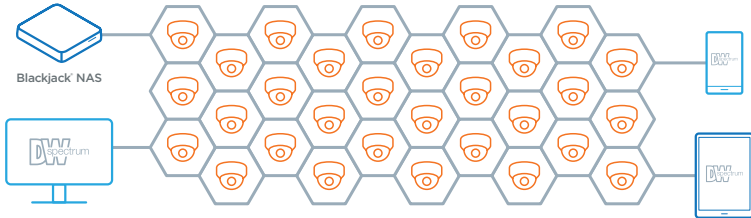
Bandwidth conscious

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.

90-day video retention   Archive videos   Send notifications   Event search   Live video

90 days of retained video

Get access to up to 90 days of recorded data all stored locally on the camera, manageable and archived remotely.
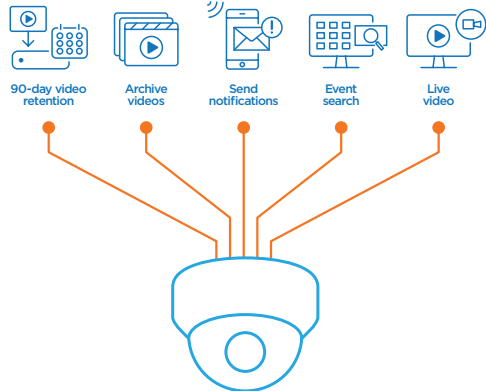
Easy and Safe

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, intuituve and simple to manage.

No need for open ports

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

Auto software updates

DW Spectrum® provides automaic 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.
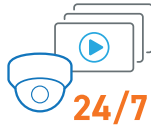
Cross-platform

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.
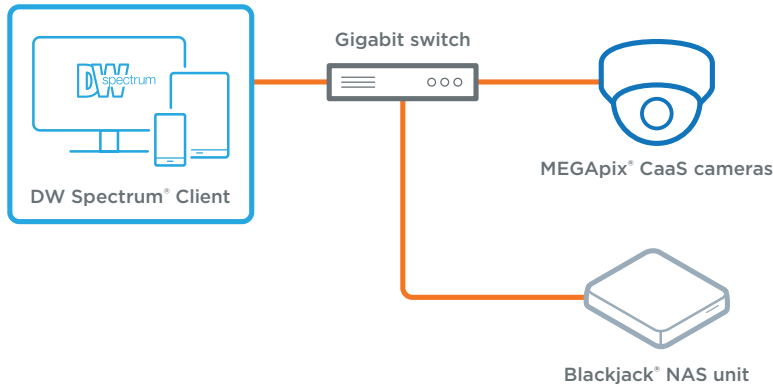
Easy archive and sharing

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.

Camera as a System

Gigabit switch

MEGApix® CaaS cameras

DW Spectrum® Client

Blackjack® NAS unit

Ideal complete DW Spectrum® solution for small scale applications

The MEGApix® CaaS™, combined with Blackjack® NAS desktop products can deliver a complete DW Spectrum® network solution.

Mobile Apps and Apple TV

View your system from anywhere with a smartphone or tablet, even on an Apple TV!
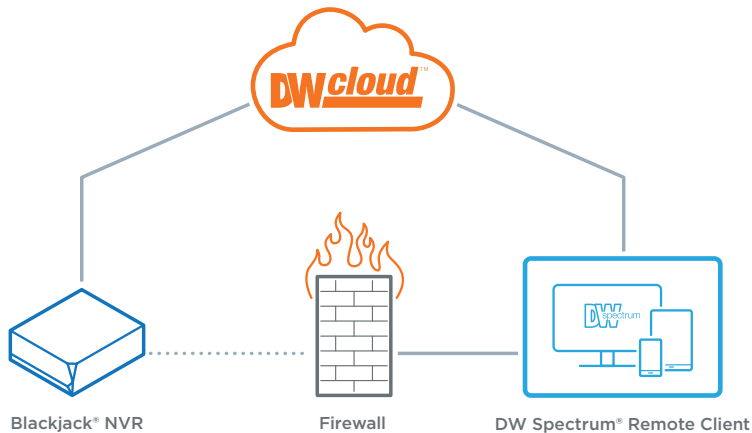
Remote monitoring via DW Cloud™

DWcloud™

Blackjack® NVR

Firewall

DW Spectrum® Remote Client

Plug & Play setup: connecting your DW® CaaS™ camera is easy with DW Cloud™, with no port-forwarding or other complex network configuration. And, there is no additional recurring charge for DW Cloud™!

DW

5MP 360° hemisperic fisheye view with zero distortion

90° View

180° View

360° View

Fisheye View
Click to Dewarp

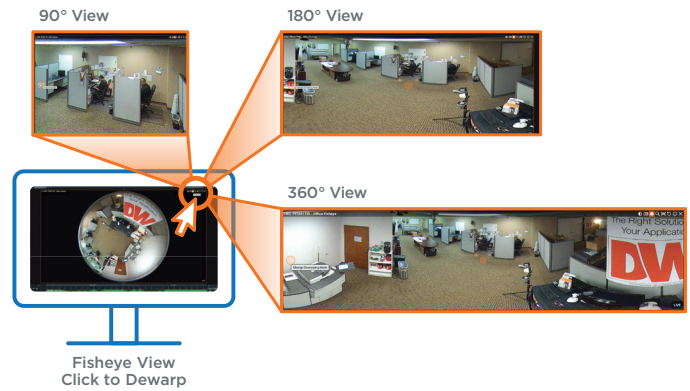MEGApix® Pano™ 360° view fisheye cameras with IR monitor an entire room with a single camera, providing the ultimate ROI.

DW IP LPR camera

Non LPR camera

License Plate Recognition (LPR)

The MEGApix® CaaS 4MP LPR cameras are engineered to capture license plates of moving vehicles in extreme light conditions, up to 60' at up to 50mph.

No Maintenance Fees

With DW®, there are no maintenance fees or annual agreements for
DW Spectrum® licenses and products.

5 Year Warranty

All DW® cameras come with an unbeatable 5-year warranty.

NDAA Compliant

DW® IP cameras, analog cameras, NVRs, DVRs, network devices and management software sold and distributed worldwide are designed and developed in U.S.A. and Korea. Manufactured in Korea.

Most DW® products qualify for GSA Schedule Contracts and other government opportunities because they are NDAA compliant.

NDAA
COMPLIANT PRODUCT

Stay current with all DW® solutions at: **www.Digital-Watchdog.com**

MEGAPIX CaaS

		Fisheye camera	LPR camera					
PART NUMBER		DWC-PVF5M1TIRWC5 DWC-PVF5M1TIRWC1T	DWC-MB44LPRWC5 DWC-MB44LPRWC1T	DWC-MB44Wi650WC5 DWC-MB44Wi650WC1T	DWC-MB44WiAWC5 DWC-MB44WiAWC1T	DWC-MV84WiAWC5 DWC-MV84WiAWC1T	DWC-MF4Wi6WC5 DWC-MF4Wi6WC1T	DWC-MF4Wi4WC5 DWC-MF4Wi4WC1T
Image	Image sensor	6.4MP 1/1.8" CMOS	4MP 1/3"x CMOS	4MP 1/3"x CMOS	4MP 1/3"x CMOS	4MP 1/3" CMOS	4MP 1/3" CMOS	4MP 1/3" CMOS
	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)
	Minimum scene illumination	0.39 lux (color)	0 lux (B/W)	0.26 lux (color)	0.2 lux (color)	0.2 lux (color)	0.41 lux (color)	0.41 lux (color)
		0 lux (B/W)		0.0 lux (B/W)	0.0 lux (B/W)	0.0 lux (B/W)	0.0 lux (B/W)	0.0 lux (B/W)
Audio input/ output		---	---	1 line in, 1. line out	1 line in, 1. line out	---	---	---
Lens	Focal length	1.55mm, F2.5	6.0 ~ 50mm	6.0 ~ 50mm	2.8 ~ 12mm	2.8 ~ 12mm	6.0mm	4.0mm
	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
	IR distance	55ft range	60ft range	140ft range	120ft range	100ft range	50ft range	50ft range
	Field of view (FoV)	360°	90° ~ 7.3°	90° ~ 7.3°	87° ~ 32°	87° ~ 32°	51°	81°
Operational	Image capture range	---	Up to 60' and 50mph	---	---	---	---	---
	Digital noise reduction (DNR)	Smart DNR™ 3D digital noise reduction						
	Wide dynamic range	D-WDR	---	True WDR	True WDR	True WDR	True WDR	True WDR
	Day and night	True D/N	B/W mode only	True D/N	True D/N	True D/N	True D/N	True D/N
	Motion detection	Yes						
	Privacy zone	4 programmable privacy masks	16 programmable privacy masks			4 programmable privacy masks		
	Alarm input	---	---	1 alarm input	1 alarm input	---	---	---
	Alarm output	---	---	1 alarm output	1 alarm output	---	---	---
Network	Video compression type	H.264, MJPEG						
	Frame rate	Up to 30fps at all resolutions						
	Streaming capability	Dual-stream at different rates and resolutions						
	Video management software	DW Spectrum IPVMS and Genetec						
	Number of DW Spectrum® CaaS™ licenses included	1 DW Spectrum CaaS license included						
	Local server recording	DWC-PVF5M1TIRWC5: 512GB DWC-PVF5M1TIRWC1T: 1TB	DWC-MB44LPRC5: 512GB DWC-MB44LPRWC5: 512GB DWC-MB44LPRC1T: 1TB DWC-MB44LPRWC1T: 1TB	DWC-MB44Wi650C5: 512GB DWC-MB44Wi650WC5: 512GB DWC-MB44Wi650C1T: 1TB DWC-MB44Wi650WC1T: 1TB	DWC-MB44WiAC5: 512GB DWC-MB44WiAWC5: 512GB DWC-MB44WiAC1T: 1TB DWC-MB44WiAWC1T: 1TB	DWC-MV84WiAWC5: 512GB DWC-MV84WiAWC1T: 1TB	DWC-MF4Wi6WC5: 512GB DWC-MF4Wi6WC1T: 1TB	DWC-MF4Wi4WC5: 512GB DWC-MF4Wi4WC1T: 1TB
	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	Bullet	Bullet	Bullet	Low-profile vandal dome	Ultra low-profile vandal dome	Ultra low-profile vandal dome
	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)			-4°F ~ 122°F (-20°C ~ 50°C)	
	IP rating	IP66-rated		IP66 environmental-rated dust-tight and water-resistant		IP66-rated		
	IK rating	---	---	---	---	IK 10-rated impact-resistant	IK 10-rated impact-resistant	IK 10-rated impact-resistant
	Other certifications	FCC, CE, ROHS, UL listed, NDAA compliant						
Electrical	Power requirements	DC12V, POE IEEE 802.3af class 3. Adaptor not Included.						
	Power consumption	LED on: 6.5W	DC12V max 11W	DC12V max 11W	DC12V max 11W	DC12V: max 7.1W	DC12V: max 5.6W	DC12V: max 5.6W
		LED off: 3.6W	PoE max 12.9W	PoE max 12.9W	PoE max 12.9W	PoE: max 9.2W	PoE: max 7.4W	PoE: max 7.4W
Mechanical	Dimensions	4.9" x 1.88"	9.73" x 3.8" * Based on the position of the sun shield cover	9.73" x 3.8" * Based on the position of the sun shield cover	8.77" x 3.07"	4.9" x 3.6"	4.9" x 2.9"	4.9" x 2.9"

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