Crystal-Clear HD Video.

MEGА₽IX®

IP Cameras

MEGApix® IP cameras

DW®
DIGITAL WATCHDOG

Digital-Watchdog.com

MEGApix®

IP Cameras

Crystal-clear images in real-time 30fps.

NDAA/TAA COMPLIANT PRODUCTS

MEGApix® cameras feature state-of-the-art user-friendly technology providing crystal-clear megapixel video. 9MP, 4K, 5MP, 4MP, 3MP and 2.1MP/1080p resolution options provide forensic-level zooming without detail loss or pixilation.

Digital Watchdog's MEGApix® cameras remove the complexity of network-powered devices while delivering superior image quality.

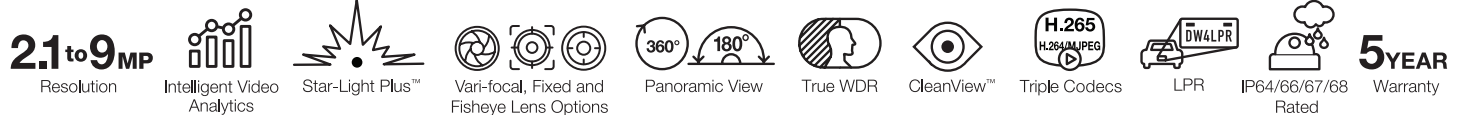**NDAA/TAA COMPLIANT PRODUCTS**

Compliance

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.

Manufacturing is done in Korea.

To learn more:
http://www.digital-watchdog.com/ndaa

GSA

Trade Agreements Act FAR 52.225-5

Features:

2.1 to 9 MP Resolution | **Intelligent Video Analytics** | **Star-Light Plus™** | **Vari-focal, Fixed and Fisheye Lens Options** | **360° 180° Panoramic View** | **True WDR** | **CleanView™** | **H.265 H.264/MJPEG Triple Codecs** | **DW4LPR LPR** | **IP64/66/67/68 Rated** | **5 YEAR Warranty**

- 9MP, 4K, 5MP, 4MP, 3MP and 2.1MP/1080p resolutions*
- Varifocal, fixed and fisheye lens models*
- Star-Light Plus™ color in near-total darkness technology*
- True Wide Dynamic Range (WDR)*
- Triple or dual codecs with simultaneous streaming (H.265, H.264, MJPEG)*
- Cold start -40°F (-40°C)*
- 50-1148ft smart IR™ with intelligent camera sync*

- CleanView™ hydrophobic dome coating repels water, dust and grease*
- Smart DNR™ 3D digital noise reduction (DNR)
- True day/night with mechanical IR cut filter*
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Microphone built-in*

- Two-way audio*
- Alarm sensor input and relay out*
- Web server built-in
- PoE and DC12V
- Waterproof cabling*
- ONVIF conformant, profile S
- NDAA/TAA compliant*
- IP64, IP66, IP67, and IP68-rated housing options*
- IK9, IK10-rated impact-resistant*
- 5 year warranty

* On supported models

DW DIGITAL WATCHDOG

ONVIF

Star-Light Plus™ color in darkness technology

Star-Light Plus™ technology provides crisp, clear images in color or monochrome in near-total darkness.

Star-Light Plus™ monochrome image in near-total darkness.

Star-Light Plus™ color image in near-total darkness.

Vandal ball housing

The vandal ball cameras have a unique dome-free design that allows for a true 90° tilting angle with endless 360° panning and rotation.

360° rotation

360° panning

90° tilting

Cold Start -40°F (-40°C)

The installed heater helps the camera power up in extreme cold weather conditions where temperatures may go as low as -40°F.

This makes the cameras ideal for any harsh environment installation.

True wide dynamic range (WDR)

Cameras with true WDR technology have advanced sensors that process a wider range of lighting, allowing them to record details in complex and mixed lighting environments.

Image is underexposed
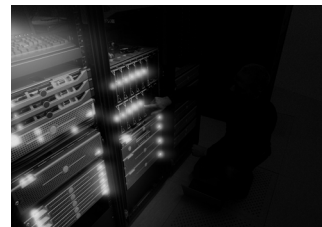
Image is overexposed
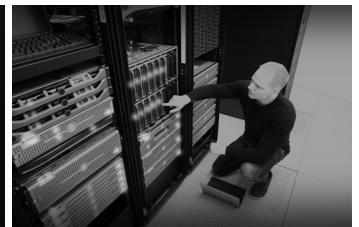
WDR image is clear and balanced

Smart IR™

Smart IR™ adjusts the image for IR cameras to prevent excessive illumination.

IR light reflects from object, reducing visibility

Smart IR™ cameras distribute the IR light evenly in the FoV

H.265 codec support

High-Efficiency video codec standards deliver 25% to 50% better data compression while maintaining video quality.

Two Times Space
Same display quality

H.264   VS   FREE   H.265

MEGAPIX® IVA / IVA+™

Powerful Intelligent Video Analytics (IVA) detecting and classifying people and objects in real-time.

The analysis of video content by the IVA engine provides users the ability to automatically analyze video, detect and determine events at the edge. Processing the raw video data in the camera itself, near the source, significantly reduces bandwidth consumption, increases accuracy and reduces response time.
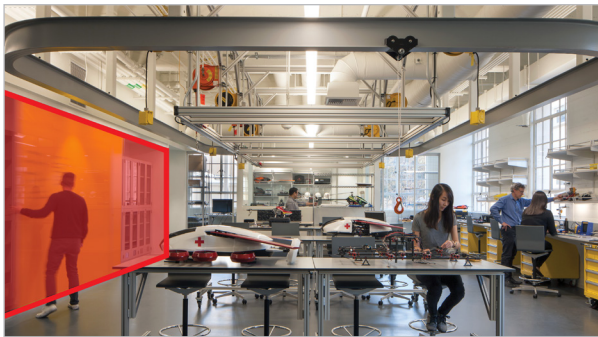
Additional capabilities are available by adding IVA+.

| Logic Rules | Intrusion | Line Crossing | Counting Line | Loitering | Enter | Exit | Tamper | Object Removed | Tailgating | Direction | Stopped | Appear | Disappear | Object Left |

Intrusion

Detects people or objects crossing into the detection zone.

Line Crossing

Detects people or objects crossing the detection line.
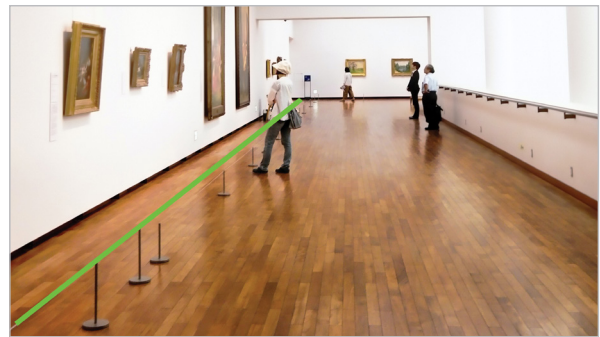
Camera Tamper

Detects camera tampering and triggers an alarm alert.

IVA Inside   **IVA+ Inside**

License Type	MEGApix IVA	MEGApix IVA+
Max Number of Detection Zones	40	40
Intrusion	√	√
Line Crossing	√	√
Counting Line	√	√
Loitering	√	√
Enter/Exit	√	√
Tamper	√	√
Object Removed		√
Tailgating		√
Direction		√
Stopped		√
Appear/Disappear		√
Object Left		√
Logical Rules		√

DW DIGITAL WATCHDOG®

✦MEGAPIX. CaaS™

Camera as a System

Setup 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 (64GB, 128GB and 256GB storage options).

The cameras are managed via DW Spectrum® IPVMS pre-installed and lets you access your system from any computer, any mobile phone and any tablet, with no recurring fees.

All-in-one cameras.

User management

Export and share

Search

Playback

30 Days of Retained Video

No server required.

✦MEGAPIX. PanO™

Single-sensor 360° hemispheric fisheye views at real-time 30fps.

MEGApix® Pano fisheye IP cameras monitor wide-angle, tall and omni-directional spaces with a single camera, providing the ultimate ROI.

90° view

180° view

360° view

Fisheye view, click to dewarp

✦MEGAPIX LPR™

License plate recognition (LPR) camera

LPR technology is engineered to capture reflective license plates in extreme light conditions, assuring consistent, reliable plate capture day or night from a range of 60' of moving vehicles traveling up to 50mph.

MAY CALIFORNIA 2018
DW2SEE

9L98A

DW IP LPR camera

Non LPR camera

✦MEGAPIX. PTZ™

Up to 36x optical zoom

The optical zoom lens uses internal glass elements to bring an image up to 36x closer, allowing the magnified image to be recorded at full resolution.

Camera view without zoom

Up to 36x optical zoom

IP cameras

MODEL #	DWC-MVC8WiATW	DWC-PVF9Di2TW	DWC-PVF5Di1TW	DWC-MPTZ830XW	DWC-MPTZ336XW	DWC-MB45iALPRT
Resolution	4K	9MP	5MP	4K	3MP	5MP
Focal Length	3.6 ~ 10mm	2.1mm	1.5mm	6 ~ 180mm	4.6 ~ 165.6mm	6-50
Lens Type	Vari-focal	Fisheye	Fisheye	1148ft	1148ft	Vari-focal
IR LEDs	70ft	80ft	80ft	100ft	80ft	80ft
Codecs	H.265, H.264, MJPEG					
Star-Light Plus™ color in near-total darkness	Yes					---
Housing rating	IP66-rated, IK10-rated	IP66-rated, IK9-rated		IP66-rated, IK10-rated		IP66-rated, IK9-rated

MODEL #	DWC-MVA5WiAT	DWC-MVA5Wi28T	DWC-MV85WiATW	DWC-MV45WiATW	DWC-MV75Wi28TW DWC-MV75Wi4TW DWC-MV75Wi6TW	DWC-MF5Wi4TW DWC-MF5Wi6TW DWC-MF5Wi8TW
Resolution	5MP, real-time 30fps					
Focal Length	2.7-13.5mm	2.8mm	2.7-13.5mm	2.7-13.5mm	2.8mm (DWC-MV75Wi28TW) 4.0mm (DWC-MV75Wi4TW) 6.0mm (DWC-MV75Wi6TW)	4.0mm (DWC-MF5Wi4TW) 6.0mm (DWC-MF5Wi6TW) 8.0mm (DWC-MF5Wi8TW)
Lens Type	Vari-focal	Fixed lens	Vari-focal	Vari-focal	Fixed	Fixed
IR Range	100ft	100ft	100ft	100ft	80ft	50ft
Codecs	H.265, H.264, MJPEG					
Star-Light Plus™ color in near-total darkness	Yes					
Housing rating	IP67-rated, IK10-rated		IP66-rated, IK10-rated	IP68-rated, IK10-rated	IP66-rated, IK10-rated	IP67-rated, IK10-rated

MODEL #	DWC-MB45Wi650T	DWC-MB45WiAT	DWC-MB75Wi4T	DWC-MV84WiA	DWC-MF4Wi4 DWC-MF4Wi6 DWC-MF4Wi8	DWC-MB44Wi650
Resolution	5MP, real-time 30fps			4MP, real-time 30fps		
Focal Length	6-50mm	2.7-13.5mm	4.0mm	2.8 ~ 12mm	4.0mm, 6.0mm, 8.0mm	6 ~ 50mm
Lens Type	Vari-focal	Vari-focal	Fixed lens	Vari-focal	Fixed lens	Vari-focal
IR Range	140ft	140ft	100ft	100ft	50ft	140ft
Codecs	H.265, H.264, MJPEG			H.264, MJPEG		
Star-Light Plus™ color in near-total darkness	Yes			---	---	---
Housing rating	IP66-rated, IK9-rated		IP67-rated, IK9-rated	IP66-rated, IK10-rated	IP66-rated, IK10-rated	IP66-rated

MODEL #	DWC-MB74Wi4	DWC-MB94Wi28T DWC-MB94Wi36T	DWC-MT94Wi28T DWC-MT94Wi36T	DWC-MT94WiAT	DWC-MV94Wi28T DWC-MV94Wi36T	DWC-MV94WiAT
Resolution	4MP, real-time 30fps					
Focal Length	6-50mm	2.7-13.5mm	4.0mm	2.8 ~ 12mm	4.0mm, 6.0mm, 8.0mm	6 ~ 50mm
Lens Type	Vari-focal	Vari-focal	Fixed lens	Vari-focal	Fixed lens	Vari-focal
IR Range	60ft	164ft	100ft	164ft	100ft	164ft
Codecs	H.264, MJPEG	H.265, H.264, MJPEG				
Star-Light Plus™ color in near-total darkness	---	---	---	---	---	---
Housing rating	IP66-rated	IP67-rated, IK10-rated				

MODEL #	DWC-MV82WiATW	DWC-MV82WiA	DWC-MV82DiVT	DWC-MVA2WiAT	DWC-MVA2Wi28T	DWC-MV72Di28T
Resolution	2.1MP/1080p, real-time 30fps					
Focal length	2.8-12mm	2.8-12mm	2.7-13.5mm	2.7-13.5mm	2.8mm	
Lens type	Vari-focal	Vari-focal	Vari-focal	Vari-focal	Fixed lens	
IR LEDs	100ft range	100ft range	100ft range	100ft range		80ft range
Codecs	H.265, H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG			
Star-Light Plus™ color in near-total darkness	Yes	---	---	Yes		---
Housing rating	IP66-rated, IK10-rated			IP67-rated, IK10-rated		IP66-rated, IK10-rated

MODEL #	DWC-MF21M28T	DWC-MF21M4TIR DWC-MF21M8TIR	DWC-MV72Wi28 DWC-MV72Wi4 DWC-MV72Wi6	DWC-MV72Wi28A DWC-MV72Wi4A	DWC-MV72Wi28TW DWC-MV72Wi4TW DWC-MV72Wi6TW	DWC-V72Wi28ATW DWC-MV72Wi4ATW
Resolution	2.1MP/1080p, real-time 30fps					
Focal length	2.8mm	4.0mm, 8.0mm	2.8mm, 4.0mm, 6.0mm	2.8mm, 4.0mm	2.8mm, 4.0mm, 6.0mm	2.8mm, 4.0mm
Lens type	Fixed lens		Fixed lens	Fixed lens	Fixed lens	Fixed lens
IR LEDs	---	50ft range	50ft range	50ft range	80ft range	80ft range
Codecs	H.264, MJPEG				H.265, H.264, MJPEG	
Star-Light Plus™ color in near-total darkness	---	---	---	---	Yes	Yes
Housing rating	IP66-rated, IK10-rated			IP64-rated, IK10-rated	IP67-rated, IK10-rated	

MODEL #	DWC-MB62DiVT	DWC-MB721M4TIR DWC-MB721M8TIR	DWC-MC421D	DWC-MB72Wi4T	DWC-MF2Wi28TW DWC-MF2Wi4TW	DWC-MD72Di28T
Resolution	2.1MP/1080p, real-time 30fps					
Focal length	2.7-13.5mm	4.0mm, 8.0mm	---	4.0mm	2.8mm, 4.0mm	2.8mm
Lens type	Vari-focal lens	Fixed lens	C/CS mount lens	Fixed lens	Fixed lens	Fixed lens
IR LEDs	100ft range	60ft range	---	100ft range	50ft range	50ft range
Codec	H.265, H.264, MJPEG	H.264, MJPEG	H.264, MJPEG, MPEG4	H.265, H.264, MJPEG		
Star-Light Plus™ color in near-total darkness	---	---	---	Yes	Yes	Yes
Housing rating	IP66-rated		---	IP67-rated	IP66-rated, IK10-rated	---

CaaS™

MODEL #	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
Resolution	4MP, real-time 30fps						
Focal length	1.55mm	6.0 ~ 50mm	2.8 ~ 12mm	6 ~ 50mm	2.8 ~ 12mm	6.0mm	6.0mm
Lens type	Fisheye lens	Vari-focal lens	Vari-focal lens	Vari-focal lens	Vari-focal lens	Fixed lens	Fixed lens
IR LEDs	55ft range	60ft range	120ft range	140ft range	100ft range	50ft range	50ft range
Codec	H.264, MJPEG						
Star-Light Plus™ color in near-total darkness	---	---	---	---	---	---	---
Housing rating	IP66-rated	IP66-rated	IP66-rated	IP66-rated	IP66-rated, IK10-rated		

Video Management Anywhere, Anytime.

DW spectrum IPVMS
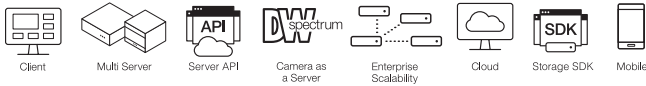
DW Spectrum® IPVMS is an endlessly customizable IP video management platform that gives users the ability to create tailored network video solutions for any type of project, for use by anyone, on any device.

Built for Users.™

| Client | Multi Server | Server API | Camera as a Server | Enterprise Scalability | Cloud | Storage SDK | Mobile |

Remote Management and Event Server Software.

C3 CMS

The C3™ client and event server make up a remote management software suite for DW® VMAX® embedded recording solutions. It provides users a powerful and easy-to-use new way to monitor any VMAX® device from anywhere.

Unlike Any Other.™

| Multiple DVR Connections ≤256 | Dual Monitor 144x | View Live and Recorded Video Simultaneously | Remote DVR Configuration | Screen Recording | Thumbnail Search | Easy Video Clip Back-up | Health Monitor/ Event Server Built-in |

Scalable, Enterprise-level Servers, Powered by DW Spectrum® IPVMS.

Blackjack®

DW spectrum inside

Blackjack® servers powered by DW Spectrum® are robust and user-friendly video management solutions, highly optimized to provide unlimited scalability, unmatched bandwidth savings and simplified system setup and management.
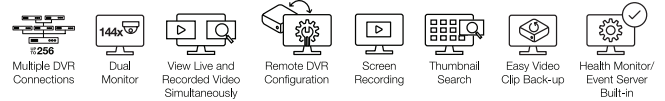
| Unlimited Scalability | 2-310TB Storage (2-310 TB) | Record up to 200 IP Cameras (200) | DW Spectrum | USB Interface | Limited Warranty (5 YEAR) |

Plug and Play IP NVRs, Managed from Anywhere.

VMAX ip PLUS™

3 Minute INSTALL

VMAX® IP Plus™ is an easy to use PoE NVR that allows you to go from powerup to monitoring video in less than three minutes!

| Up to 16Ch PoE (16x) | DW Witness™ | PathFinder™ | CCIP™ Encryption | Real-Time Monitoring (30fps) | Auto Device Discovery |

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