

For Immediate Release

DW[®] Adds AI to MEGApix[®] CaaS[™] IP Cameras

The MEGApix[®] Ai[™] CaaS[™] (Camera as a System) edge-based AI cameras have DW Spectrum[®] IPVMS and local storage onboard for a serverless solution.



DWC-XSBA08MiC1 (left) and DWC-XSTD05MFC1 (right) DW MEGApix Ai CaaS IP Cameras.

Cerritos, CA (June 29, 2024) – [Digital Watchdog[®] \(DW\)](#), the industry leader in digital recorders, surveillance cameras, system peripherals and related management software, announces the launch of MEGApix Ai CaaS IP cameras with a 4K bullet and 5MP turret with white light LEDs. CaaS is an acronym for “Camera as a System.” The all-in-one cameras operate as edge recorders and are preloaded with DW Spectrum IPVMS and an edge-AI Deep Learning (DL) engine, including object detection and tracking, significantly reducing false alarms, conserving recording storage and enabling a more efficient monitoring solution.

“DW pioneered serverless, all-in-one cameras, and they have grown in popularity over the past decade, making it easy to apply the power of DW Spectrum IPVMS to small and multi-site applications,” said Mark Espenschied, Director of Marketing, DW. “The addition of AI to

these cameras makes them even more dynamic solutions by helping to manage system resources and expanding the label of all-in-one cameras."

These NDAA/TAA-compliant MEGApix Ai CaaS all-in-one IP cameras provide real-time 30fps video with an Ai edge engine onboard. MEGApix Ai cameras place the power of AI deep learning at your fingertips, with object detection and people tracking. The serverless CaaS plugin brings the ease and power of the DW Spectrum® IPVMS server pre-installed and licensed on the camera. No additional server hardware is required. The cameras feature Star-Light Plus™ color in near-total darkness technology and true WDR for quality video in any lighting condition. All MEGApix cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

The DWC-XSBA08MiC1 bullet delivers 4K and a 2.7~13.5mm vari-focal auto-focus lens for clarity and convenience in an IP67-rated, IK-10 impact- and weather-resistant housing and will Cold Start at -40° F/-40° C. The DWC-XSTD05MF turret IP camera provides 5MP resolution with up to 90ft range white light, alarm flash coverage, high-quality color images without external lighting and a built-in microphone and speaker for deterrence.

Products features:

- 4K sensor at real-time 30fps*
- 5MP sensor at real-time 30fps*
- Star-Light Plus™ color in near-total darkness technology
- AI Deep Learning object detection
- Create up to 40 separate detection zones.
- Easy setup with no analytics calibration
- Seamless integration and control with DW Spectrum® IPVMS
- Reduce false alarms with multiple detection zones and logical rules.
- Increase your recording storage with smart recording and no false alarms.
- Built-in 1TB storage options for up to 90 days of retained video
- Easily deploy with preloaded 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

- White light illumination and red/blue flash LEDs for video, illumination and deterrence in a single camera installation*
- Vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and focused image at any time
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- Cold Start -40°F (-40°C), allowing the camera to power up in extremely cold environments*
- 140' Smart IR™ with intelligent camera sync for clear B/W images with no need for external light*
- 90' white light illumination with intelligent camera sync for clear color images with no need for external light.*
- Smart DNR™ 3D digital noise reduction reduces noise and ghosting for motion in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Built-in microphone and speaker for deterrence*
- Alarm sensor input and relay output for access control integration
- Two-way audio for direct communication between the monitoring station and the camera's location*
- Web server built-in for easy camera management from any browser
- High-power PoE and DC12V for single cable simplified installation
- NDAA/TAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

* See product datasheet for more information.

To learn more about MEGApix Ai CaaS solutions, [click here](#). To learn more about DW's industry-leading video surveillance products, visit www.digital-watchdog.com.

ABOUT DIGITAL WATCHDOG

Founded in 1987, DW® is a leading manufacturer of NDAA/TAA-compliant complete surveillance solutions, delivering easy-to-use, resource-saving artificial intelligence (AI), stunning image quality, advanced hardware capabilities, superior video management, reliable customer support and the lowest total cost of deployment for IP megapixel, Universal HD over Coax® megapixel, and legacy analog applications. DW's catalog includes perimeter protection devices, including motion detectors, illuminators and horn speakers, as well as an NDAA-compliant elevated skin temperature system. With offices in

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Cerritos, California and Tampa, Florida, and manufacturing facilities in Seoul, Korea, DW is committed to delivering powerful security solutions to its customers worldwide.

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