

For Immediate Release

Digital Watchdog® Adds 5MP Ultra Low-Profile Vandal Dome Camera to MEGApix® Ai™ Family

Next-generation IR technology eliminates any chance of reflection for superior image quality and deep-learning.



DWC-XSDH05Mi DW MEGApix Ai IP Camera.

Cerritos, CA (January 9, 2025) – [Digital Watchdog® \(DW\)](#), the industry leader in digital recorders, surveillance cameras, perimeter protection devices, system peripherals and related management software, introduces a 5MP ultra low-profile vandal dome camera. This compact camera, approximately the size of a soda can, features advanced AI capabilities and next-generation IR technology to prevent lens reflections that can compromise image quality. Part of the MEGApix Ai series, it delivers robust object detection and Deep Learning (DL) analytics in discreet vandal-resistant housing, making it perfect for installations requiring subtle monitoring solutions.

This NDAA/TAA-compliant MEGApix Ai IP camera provides 5MP resolution at real-time 30fps 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. This camera features Star-Light Plus™ color in near-total darkness technology and true WDR for quality video in

any lighting condition. The low-profile vandal dome camera is IP67-rated, IK-10 impact-resistant and carries a 2.7~13.5mm vari-focal auto-focus lens for clarity and convenience. All MEGApix cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

"This versatile camera combines the latest video technologies for incredible image clarity and amazing image processing to facilitate the most reliable video surveillance automation available," said Mark Espenschied, Director of Marketing, DW.

Camera features include:

- 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 manual calibration
- Seamless integration and control with DW Spectrum®.
- Reduce false alarms with multiple detection zones and logical rules.
- Increase your recording storage with smart recording and no false alarms.
- Separate IR LEDs cover for zero IR reflection.
- Vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and a 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
- 100' Smart IR™ with intelligent camera sync for clear B/W 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.
- Two-way audio with a built-in microphone and line out for direct communication between the monitoring station and the camera's location.
- Local SD card slot for local recording in case of network loss.
- Alarm sensor input and relay output for access control integration
- 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

DW[®] Press Release

- 5 year warranty

To learn more about MEGApix Ai 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 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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