

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.



DWC-XSDA05Bi DW MEGApix Ai IP Camera.

Cerritos, CA (July 15, 2024) – [Digital Watchdog® \(DW\)](#), the industry leader in digital recorders, surveillance cameras, perimeter protection devices, system peripherals and related management software, announces the addition of a 5MP ultra low-profile vandal dome camera with AI and next generation IR technology that eliminates reflection on the lens that can negatively impact image quality. The camera, roughly the width of a dollar bill, is the latest addition to the MEGApix Ai series, offering the same powerful object detection and Deep Learning (DL) analytics but in a small vandal housing that is ideal for installations where discrete monitoring is required. All MEGApix Ai cameras come preloaded with an edge-side deep learning engine.

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 vandal dome camera is IP67-rated, IK-10 impact-resistant and carries a wide 2.8mm fixed lens. All MEGApix cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

"DW ultra low-profile cameras have always been popular solutions in applications where a less-noticeable camera is preferred," said Mark Espenschied, Director of Marketing, DW. "This new DW AI model takes small dome cameras to another level with a revolutionary design that eliminates IR reflections."

Camera's features:

- 5MP sensor at real-time 30fps
- 2.8mm fixed lens
- AI Deep Learning object detection.
- Create up to 40 separate detection zones.
- Easy setup with no manual 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.
- Ultra low-profile vandal dome camera for discrete installation
- IR LEDs separate from the dome for zero IR reflection
- Star-Light Plus™ color in near-total darkness technology.
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 90' 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 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
- 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

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- 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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