

For Immediate Release

DW[®] Expands MEGApix[®] Ai[™] Family with 5MP Turret Cameras

The cameras come with vari-focal and fixed lens options, and a built-in microphone.



DWC-XSTD05Mi (left) and DWC-XSTD05Bi (right) DW MEGApix Ai Turret IP Cameras.

Cerritos, CA (January 6, 2025) – [Digital Watchdog[®] \(DW\)](#), the industry leader in digital recorders, surveillance cameras, system peripherals and related management software, announces the addition of two (2) 5MP MEGApix Ai turret IP cameras to its line of DW Ai[™] solutions. The cameras come preloaded with an edge-side deep learning engine and are available with 2.7~13.5mm (DWC-XSTD05Mi) and 2.8mm fixed lens (DWC-XSTD05Bi) options.

"Adding AI and microphone to DW's popular turret form factor make these cameras go-to solutions for any vertical market application," said Mark Espenschied, Director of Marketing, DW.

These NDAA/TAA-compliant MEGApix Ai turret IP cameras provide 5MP resolution at real-time 30fps with an edge Ai engine onboard. MEGApix Ai cameras place the power of AI deep learning at your fingertips, with object detection and people tracking. They feature

Star-Light Plus™ color in near-total darkness technology and true WDR for quality video in any lighting conditions. The weather-resistant turret cameras are IP67-rated, IK-10 impact-resistant, and offer a choice of a 2.7~13.5mm vari-focal auto-focus lens (DWC-XSTD05Mi) or 2.8mm fixed (DWC-XSTD05Bi) lens to match any application, as well as a built-in microphone for audio recording. All MEGApix cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Camera's features:

- 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.
- Vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and a focused image at any time. (DWC-XSTD05Mi)
- 2.8mm fixed lens (DWC-XSTD05Bi)
- 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
- 5 year warranty

DW[®] Press Release

* See product datasheet for more information.

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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