Metapix AI Standalone NVR
DW-BJMAiJxxT-LX



Summary

Metapix AI is a next generation Edge to Cloud computer vision platform that seamlessly combines on premises performance with always connected cloud intelligence. Delivering advanced Facial Analytics, Vehicle Analytics, intuitive data visualizations, and lightning-fast search, Metapix AI helps organizations see more, understand more, and act faster—using the infrastructure they already have.

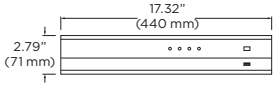
Preloaded on a high-performance standalone NVR with up to 40TB for local recording, Metapix AI deploys in minutes and integrates effortlessly with any DW Spectrum system. Built-in cloud connectivity ensures continuous updates, enhanced processing, and secure access to your visual intelligence from anywhere.

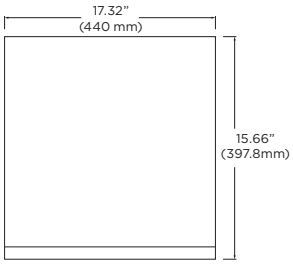
Features

- Metapix AI edge-to-cloud computer vision platform combines on-premises performance with always-connected cloud intelligence.
- Advanced Facial Analytics, Vehicle Analytics, intuitive data visualizations, and lightning-fast search
- Maximize the Value of Existing Cameras -Metapix AI works with your current video infrastructure—no need to rip and replace hardware.
- Real Time Insights for Faster Decision-Making - AI-powered analytics transform live video into immediate, actionable intelligence.
- Edge-to-Cloud Architecture for High Performance - On-prem processing delivers speed and reliability, while built-in cloud connectivity ensures scalability, updates, and remote access.
- Powerful Facial & Vehicle Analytics - Identify, classify, and track people and vehicles with high accuracy to improve safety, operations, and investigations.
- Lightning Fast Forensic Search - Quickly find faces, vehicles, or events across massive video archives in seconds instead of hours.
- Intuitive Visual Dashboards - Turn complex data into clear, interactive visualizations that help teams spot trends and make data-driven decisions.
- Scalable Across Sites and Environments - Whether deployed at a single location or across a global enterprise, Metapix AI grows with your organization.
- Simple, Drop-In Deployment - Preloaded standalone NVR hardware with local power for up to 8 IP cameras via a resident PoE switch installs quickly with minimal disruption.
- Seamless Integration with DW Spectrum - Native compatibility ensures a unified experience and smooth workflow for operators and administrators.
- Enhanced Operational Efficiency - Automated analytics reduce manual monitoring, accelerate investigations, and streamline daily operations.
- 8-40TB internal storage
- Ubuntu 20.04 (NVIDIA Jetson Proprietary) OS on separate SSD
- One (1) 4-channel license included (DW-SPECTRUMLSC004).
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- NDAA/TAA compliant for federal and government projects
- 5 Years limited warranty

Dimensions

Unit: Inch (mm)





Specifications

PART NUMBER		DW-BJMAiJxxT-LX
Included DW Spectrum IP licenses		4 (1x DW-SPECTRUMLSC004)
		Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
Form factor		1.5U Desktop
Operating system		Ubuntu 20.04 (NVIDIA Jetson Proprietary)
OS on SSD		eMMC + SSD
CPU		NVIDIA Jetson Xavier
Memory		8GB
Ethernet port		2x 1GB Ethernet
Max video storage rate (Mbps)		40 Mbps
Maximum HDD		2 x SATA HDD
Storage Options		8TB, 12TB, 16TB, 20TB, 24TB, 32TB, 40TB
Number of PoE		8
Maximum number of analytic streams (primary)		4
Video-out	Outputs	1x True HD
	Graphics Card	---
Ai Processor		NVIDIA Jetson
Pre-loaded VMS software		DW Spectrum®
DW Spectrum Client supported OS		Cross-platform - Windows®, Linux Ubuntu® and Mac®
Pre-loaded Analytic software		DW Metapix Gateway
DW Spectrum Mobile apps		iOS® and Android®
Keyboard and mouse		Included
Power Supply		300W**
PoE	Max power per port	30W per port
	Total PoE power budget	Total 70W power budget
Operating temperature (room)		41°F-104°F (5°C-40°C)
Operating humidity		20-90% RH
Dimension (WxDxH)		17.3" x 15.7" x 2.79" (439.3 x 397.8 x 71mm)
Other certification		CE, FCC, NDAA, TAA
Warranty		5 year limited

* UPS Recommended.

Designed and Commissioned in the U.S.A.

Available Models

- DW-BJMAiJ08T-LX – 8TB storage
- DW-BJMAiJ12T-LX – 12TB storage
- DW-BJMAiJ16T-LX – 16TB storage
- DW-BJMAiJ20T-LX – 20TB storage
- DW-BJMAiJ24T-LX – 24TB storage
- DW-BJMAiJ32T-LX – 32TB storage
- DW-BJMAiJ40T-LX – 40TB storage

Built for Users.™

866.446.3595
sales@digital-watchdog.com
www.digital-watchdog.com

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