Metapix AI 2U Rackmount Server
DW-BJMAiPxxTR-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.

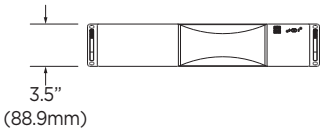
Preloaded on a high-performance 2U rackmount server with up to 120TB of RAID5 storage, Metapix AI deploys in minutes and integrates effortlessly with any DW Spectrum system. Built-in cloud connectivity ensures continuous updates, enhanced processing, and secure access to your visual intelligence from anywhere.

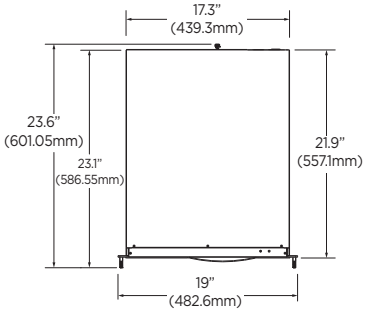
Features

- 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 2U rackmount hardware 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.
- 80-120TB internal storage with RAID5 and hot swappable HDDs
- Redundant power supply
- 12th Gen Intel Core i7 processor
- Ubuntu 22.04 Desktop LTS OS on separate SSD
- One (1) 4-channel license included (DW-SPECTRUMLSC004).
- Rail kit included
- 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-BJMAiPxxxTR-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		2U Rack mount
Operating system		Ubuntu 22.04 Desktop LTS
OS on SSD		480GB SSD
CPU		12th Gen Intel® Core™ i7 processor
Memory		32GB
Ethernet port		2x 2.5Gb Ethernet
Max video storage rate (Mbps)		320 Mbps
Maximum HDD		6 x SATA HDD
Storage Options		80TB, 100TB, 120TB (Raw storage size)
RAID		RAID5
Maximum number of analytic streams (primary)		12
Video-out	Outputs	1x miniDP
	Graphics Card	NVIDIA 2000 ADA 12GB
Ai Processor		NVIDIA CUDA
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		400W**
Operating humidity		20-90% RH
Dimension (WxDxH)		17.3" x 21.9" x 3.5" (439.3 x 557.1 x 88.9 mm)
Other certification		CE, FCC, NDAA, TAA
Warranty		5 year limited

* UPS Recommended.

Designed and Commissioned in the U.S.A.

Available Models

- DW-BJMAiP80TR-LX - 60TB available storage, RAID5
- DW-BJMAiP100TR-LX - 80TB available storage, RAID5
- DW-BJMAiP120TR-LX - 100TB available storage, RAID5

Built for Users.™

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