

Blackjack[®] Ai P-RACK[™]

Servers Powered by DW Spectrum and IVA Ai Server

All-in-one 2U rackmount video analytics server powered by DW Ai DW-BJAiPxxTR

NDAA/TAA
COMPLIANT PRODUCT



80-120TB
80-120TB Raw Storage

320Mbps
Throughput

AI
AI Server

RAID

DW spectrum **5 YEAR**
IPVMS Limited Warranty

Summary

Blackjack[®] Ai P-Rack[™] Artificial Intelligence Network Video Recorder (Ai NVR) is a purpose-built server, with built-in server-side analytics that unlock advanced Ai capabilities on any connected video stream via our DW Ai Server software. This cost-effective, plug-and-play appliance combines high-performance recording with video analytics in an easy-to-deploy, turnkey solution. The NDAA and TAA compliant server features up to 320Mbps throughput, 64 secondary streams and comes preloaded with DW Spectrum[®] IPVMS, with four complimentary recording licenses. Add the power of advanced neural-network-based analytics to your video streams with a BlackJack Ai NVR, backed by our 5 year limited warranty.

Features

- Hosting Intelligent DW Ai software deep learning and color filter
- Server-side analytics for non-analytic cameras
- Analytics by Deep Learning engine
- A single device for NVR and Analytics server for lower deployment cost
- Record and manage single- and multi-sensor IP cameras of any resolution up to 320Mbps throughput
- Up to 64 secondary streams
- Supports all ONVIF conformant IP cameras
- 80-120TB raw internal storage with RAID5
- RAID5
- Hosting DW Spectrum[®] for setup, configuration, monitoring and recording
- One (1) 4-channel license included (DW-SPECTRUMLSC004)
- One (1) 4-channel DW Ai Server license included (DW-AiSLSC004)
- No annual maintenance fees
- Dual stream recording
- Rail kit included
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- NDAA/TAA compliant
- 5 year limited warranty

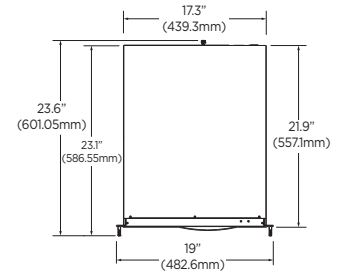
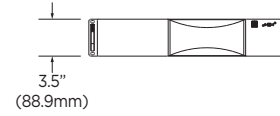
Accessories



DW-BJMTC5204T,
DW-BJMTC7404T
Blackjack[®] Monitoring Workstation

Dimensions

Unit: inch (mm)



Specifications



PART NUMBER		DW-BJAiPxxTR
Included DW Spectrum IP licenses		4 (DW-SPECTRUMLSC004)
Included DW Ai Server Licenses		4 (DW-AiSLSC004)
Form factor		2U Rackmount
Operating system	Windows [®] 10	DW-BJAiPxxTR
	OS on SSD	480GB SSD
CPU		Intel [®] Core [™] i7 processor
Memory		32GB
Ethernet port		2x gigabit Ethernet ports (RJ45)
System	Max video storage rate (Mbps)	320Mbps
	Max # of analytic streams (secondary)	Up to 64
	Maximum HDD	6 x SATA HDD
	Storage options	80TB, 100TB, 120TB (Raw storage size)
	USB interface	Yes
Video-out	Outputs	1x mini Display Port for system configuration
	Graphics card	NVIDIA RTX A2000 12GB
Pre-loaded VMS software		DW Spectrum [®] IPVMS
DW Spectrum client supported OS		Cross-platform - Windows [®] , Linux Ubuntu [®] and Mac [®]
Pre-loaded analytic software		DW Ai server
Ai Configuration tool supported OS		Cross-platform - Windows [®] and Linux Ubuntu [®]
Mobile apps		iOS [®] and Android [®]
Keyboard and mouse		Included
Rail kit		Included
Power supply		500W**
Operating temperature (room)		41°F-104°F (5°C-40°C)
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		NDAA, TAA
Warranty		5 year limited

* UPS Recommended.

Ai Server Licenses (Sold Separately):

- DW-AiSLSC001: Single DW Ai Server Analytics License.
- DW-AiSLSC004: Four (4) DW Ai Server Analytics Licenses.
- DW-AiSLSC010: Ten (10) DW Ai Server Analytics Licenses.
- DW-AiSLSC020: Twenty (20) DW Ai Server Analytics Licenses.

Designed and Commissioned in the U.S.A.

Available Models

- DW-BJAiP80TR - 60TB available storage, RAID5
- DW-BJAiP100TR - 80TB available storage, RAID5
- DW-BJAiP120TR - 100TB available storage, RAID5



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Built for Users.™

