

Blackjack[®] Ai[™] RACK SERVER

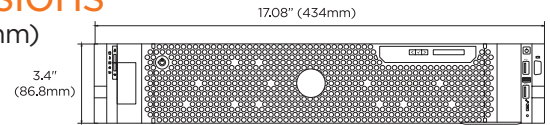
All-in-One NVR and Analytic Appliance, Powered by DW Ai
DW-BJAIRxxT

NDA/TAA
COMPLIANT PRODUCT



Dimensions

Unit: Inch (mm)



Summary

Blackjack[®] Ai[™] Rack AI NVR with server-side advanced neural-network-based analytics unlocks AI on any connected video stream. It is NDA/TAA compliant, UL listed comes preloaded with DW Spectrum[®]. The server comes complete with a 5-year, on-site, Next Business Day^{**}, Keep Your Hard Drive warranty to ensure peace of mind.

Features

- Hosting Intelligent Video Analytics Ai software deep learning and color filter
- Server-side analytics for non-analytic cameras
- Deep learning classifiers
- 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 analytic streams
- 80-160TB raw internal storage with RAID options
- Hot Swappable HDDs
- OS RAID 1, data RAID5 with dedicated RAID controller
- Redundant power supply
- Dedicated GPU for client application for easy configuration
- Intel[®] Xeon[®] processor
- 2x 10Gb SFP+, 2x 1Gb base-T network ports
- Windows 10[®] on separate SSD
- Hosting DW Spectrum[®] for setup, configuration, monitoring and recording
- One-time recording license charge, fully transferable between cameras and encoders
- Two (2) 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSC004).
- Two (2) 4-channel Ai license included (DW-DWAI SLSC004)
- Dual stream recording
- Rail kit included
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- Keep your failed drive warranty and retain your data
- UL Listed
- NDA/TAA compliant
- 5 year warranty, next business day on-site hardware service*, keep your hard drive - *after remote diagnosis

Specifications



PART NUMBER		DW-BJAIRxxT
Included DW Spectrum IP Licenses		8 (2x DW-SPECTRUMLSC004)
Included DW Ai Server Licenses		8 (2x DW-DWAI SLSC004)
Form Factor		2U Rackmount
Operating System	Windows*10	DW-BJAIRxxT
	OS on SSD	2 x 240GB NVMe SSD (RAID1)
CPU		XEON Gold 6248R
Memory		32GB
Ethernet port		2x 10Gb SFP+, 2x 1Gb base-T
System	Max Video Storage Rate (Mbps)	320Mbps
	Max # of Analytic Streams (Secondary)	Up to 64
	Maximum HDD	8 x 3.5" SATA HDD
	Storage Options	160TB RAID5
	RAID	OS RAID 1, Data RAID5
Video-Out	USB Interface	Yes
	Outputs	1x DisplayPort output
	Graphics Card	NVIDIA RTX A4000 16GB
Preloaded VMS Software		DW Spectrum [®] IPVMS
DW Spectrum Client Supported OS		Windows [®] , Linux Ubuntu [®] and Mac [®]
Preloaded Analytic software		DW Ai Server
Ai Configuration Tool Supported OS		Windows [®] and Linux Ubuntu [®]
Mobile Apps		iOS [®] and Android [®]
Keyboard and Mouse		Included
Rail kit		Included
Power Supply		2000W Redundant power supply**
Operating Temperature (room)		41°F-104°F (5°C-40°C)
Operating Humidity		5-85% RH
Dimension (WxDxH)		17.08" x 29.03" x 3.4" (434 x 737.5 x 86.8mm)
Other Certification		NDA, TAA, UL, FCC and CE
Warranty		5 year warranty with next day on-site repair

* After remote diagnosis.
** A UPS is 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.

Available Models

- DW-BJAIR80T - 80TB raw storage, 60TB usable storage, RAID5.
- DW-BJAIR120T - 120TB raw storage, 100TB usable storage, RAID5.
- DW-BJAIR160T - 160TB raw storage, 140TB usable storage, RAID5.

Designed and Commissioned in the U.S.A.



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Built for Users.™

