BlackjackAi™

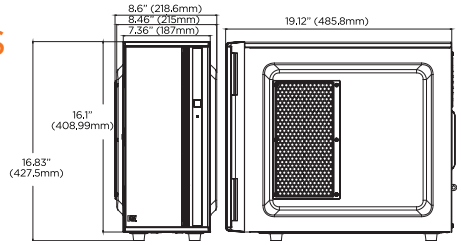
Powered by DW Spectrum and DW Ai Server

All-in-one desktop video analytics server powered by DW Ai
DW-BJAiTxxTR

NDAA/TAA COMPLIANT PRODUCT

Dimensions

Unit: Inch (mm)



Summary

Blackjack® Ai™ full-size Tower is an AI NVR with server-side advanced neural-network-based analytics that unlocks advanced AI capabilities on any connected video stream. The NDAA-compliant, UL-listed server is a cost-effective, easy-to-deploy turnkey solution, preloaded with DW Spectrum® and 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
- Hot Swappable HDDs
- RAID5
- Hosting DW Spectrum® for setup, configuration, monitoring and recording
- One-time recording license charge, fully transferable between cameras and encoders
- 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
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- NDAA/TAA compliant
- 5 Years limited warranty

Specifications

ONVIF

PART NUMBER		DW-BJAiTxxTR
Included DW Spectrum IP licenses		4 (DW-SPECTRUMLSC004)
Included DW Ai Server Licenses		4 (DW-AiSLSC004)
Form factor		Full-size Tower
Operating system	Windows® 10	DW-BJAiTxxTR
	OS on SSD	480GB SSD
CPU		Intel® Core™ i7 processor
Memory		32GB
Ethernet port		2x 1G Ethernet
System	Max video storage rate (Mbps)	320Mbps
	Max # of analytic streams (secondary)	Up to 64
	Maximum HDD	6 x 3.5 SATA HDD, hot-swappable
	Storage options	80TB, 100TB, 120TB (raw storage size)
	RAID	RAID5
	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
Power supply		500W*
Operating temperature (room)		41°F-104°F (5°C-40°C)
Operating humidity		20-90% RH
Dimension (WxDxH)		8.6" x 19.12" x 16.83" (218.6 x 485.8 x 427.5 mm)
Other certification		NDAA, TAA
Warranty		5 year limited

* 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.

Designed and Commissioned in the U.S.A.

Accessories

DW-BJMTC5204T,
DW-BJMTC7404T
Blackjack® Monitoring Workstation

Available Models

- DW-BJAiT80TR - 60TB available storage, RAID5
- DW-BJAiT100TR - 80TB available storage, RAID5
- DW-BJAiT120TR - 100TB available storage, RAID5

Built for Users.™

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