



**NDAA/TAA**  
COMPLIANT PRODUCT



64-96TB Storage



320Mbps  
Throughput



AI Server



RAID



IPVMS

**5 YEAR**

Limited Warranty

## Summary

Blackjack<sup>®</sup> Ai Tower<sup>™</sup> 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<sup>®</sup> 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
- 64-96TB raw internal storage with RAID5
- Hot Swappable HDDs
- RAID5
- Intel<sup>®</sup> Core<sup>™</sup> i7 processor
- 1x mini Display Port for system configuration
- Dual network ports
- Windows 10<sup>®</sup> on SSD
- Hosting DW Spectrum<sup>®</sup> 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



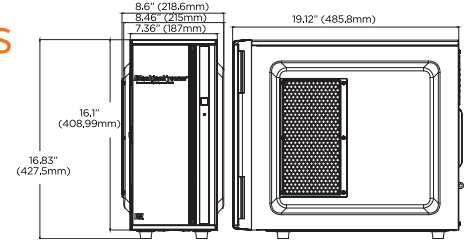
## Accessories



DW-BJMTC5204T,  
DW-BJMTC7404T  
Blackjack<sup>®</sup> Monitoring Workstation

## Dimensions

Unit: Inch (mm)



## Specifications

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 <sup>®</sup> 10	DW-BJAiTxxTR
	OS on SSD	480GB SSD
CPU	Intel <sup>®</sup> Core <sup>™</sup> 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	64TB, 80TB, 96TB (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 <sup>®</sup> IPVMS	
DW Spectrum client supported OS	Cross-platform - Windows <sup>®</sup> , Linux Ubuntu <sup>®</sup> and Mac <sup>®</sup>	
Pre-loaded analytic software	DW IVA Ai server	
IVA Ai configuration tool supported OS	Cross-platform - Windows <sup>®</sup> and Linux Ubuntu <sup>®</sup>	
Mobile apps	iOS <sup>®</sup> and Android <sup>®</sup>	
Keyboard and mouse	Included	
Power supply	500W <sup>*</sup>	
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.

## Available Models

- DW-BJAiT64TR - RAID5, 48TB available storage
- DW-BJAiT80TR - RAID5, 64TB available storage
- DW-BJAiT96TR - RAID5, 80TB available storage



# Built for Users.™

