

# Blackjack<sup>®</sup> Ai P-RACK<sup>™</sup>

Servers Powered by DW Spectrum and IVA Ai Server

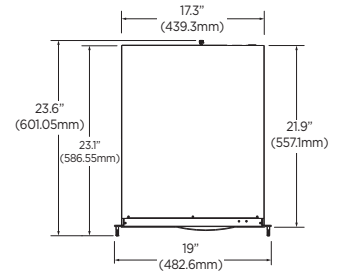
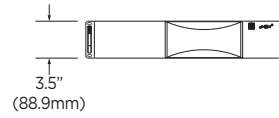
All-in-one 2U rackmount video analytics server powered by DW Ai  
DW-BJAiPxxTR

**NDAA/TAA**  
COMPLIANT PRODUCT



## Dimensions

Unit: inch (mm)



## Summary

Blackjack<sup>®</sup> Ai<sup>™</sup> P-Rack is an Ai NVR with server-side neural-network-based analytics that unlock advanced Ai capabilities on any connected video stream via our IVA Ai Server software. The cost-effective, easy-to-deploy server comes preloaded with DW Spectrum<sup>®</sup> and is 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<sup>®</sup> for setup, configuration, monitoring and recording
- One (1) 4-channel license included (DW-SPECTRUMLSCO04)
- One (1) 4-channel DW Ai Server license included (DW-AiLSCO04)
- 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

## Specifications



PART NUMBER	DW-BJAiPxxTR	
Included DW Spectrum IP licenses	4 (DW-SPECTRUMLSCO04)	
Included DW Ai Server Licenses	4 (DW-AiLSCO04)	
Form factor	2U Rackmount	
Operating system	Windows <sup>®</sup> 10 OS on SSD	DW-BJAiPxxTR 480GB SSD
CPU	Intel <sup>®</sup> Core <sup>™</sup> 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 <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 Ai server	
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	
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-AiLSCO01: Single DW Ai Server Analytics License.
- DW-AiLSCO04: Four (4) DW Ai Server Analytics Licenses.
- DW-AiLSCO10: Ten (10) DW Ai Server Analytics Licenses.
- DW-AiLSCO20: Twenty (20) DW Ai Server Analytics Licenses.

Designed and Commissioned in the U.S.A.

## Accessories



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

## Available Models

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



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