

Blackjack Ai P-RACK™

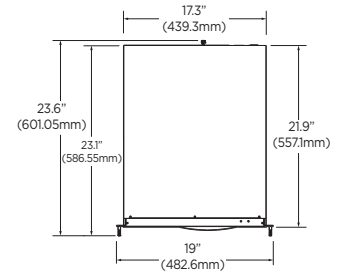
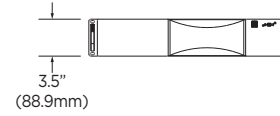
Servers Powered by DW Spectrum and IVA Ai Server

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



Dimensions

Unit: inch (mm)



Summary

Blackjack Ai 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 DW Ai Server software. The cost-effective, easy-to-deploy server comes preloaded with DW Spectrum 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 for setup, configuration, monitoring and recording
- One (1) 4-channel license included (DW-SPECTRUMLS004)
- Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
- 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

Specifications

PART NUMBER	DW-BJAiPxxTR	
Included DW Spectrum IP licenses	4 (DW-SPECTRUMLS004)	
	Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.	
Included DW Ai Server Licenses	4 (DW-AiSLSC004)	
Form factor	2U Rackmount	
Operating system	Windows 11 IoT	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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