Blackjack Ai P-RACK ™

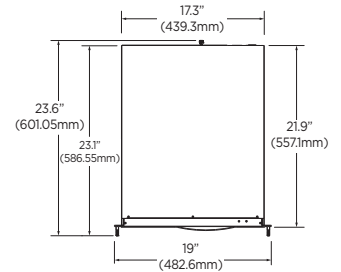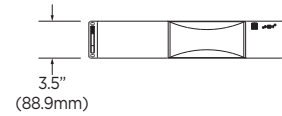Servers Powered by DW Spectrum and IVA Ai Server

Dimensions
Unit: inch (mm)

17.3" (439.3mm)
23.6" (601.05mm)
23.1" (586.55mm)
21.9" (557.1mm)
3.5" (88.9mm)
19" (482.6mm)

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-SPECTRUMLSC004)
- 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-SPECTRUMLSC004)
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.

Accessories

DW-BJMTC5204T, DW-BJMTC7404T
Blackjack Monitoring Workstation

Available Models

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

Built for Users ™

866.446.3595   sales@digital-watchdog.com   www.digital-watchdog.com

DW ®