BlackjackAi™

Powered by DW Ai Appliance

Ai Appliance
DW-BJAiARA2

NDAA/TAA COMPLIANT PRODUCT



Summary

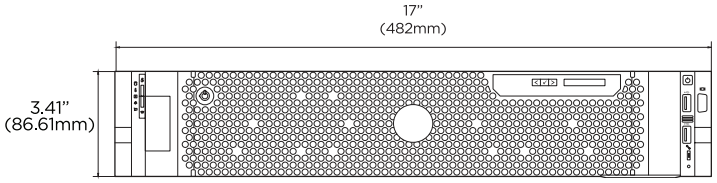
When paired with a system running DW Spectrum, this Blackjack Ai Appliance recognizes objects and people in all connected streams by combining advanced algorithms and machine learning to analyze real-time video streams and provide comprehensive video analytics in a user-friendly, scalable solution. The appliance is NDAA/TAA compliant, UL listed, includes Windows 11 IoT OS, an Intel Xeon processor, four (4) Ethernet ports, 32GB RAM, an NVIDIA A2000 12GB video card and a dual power supply. The appliance comes preloaded with four complimentary DW Ai Server licenses, supports up to 24 secondary streams and a 5-year, on-site, Next Business Day* warranty to ensure peace of mind.

Features

- Deep learning analytics on an appliance, connected to any DW Spectrum system for any connected stream
- Hosting Intelligent Video Analytics AI software deep learning and color filter
- Providing Server-side analytics to non-analytic cameras on any DW Spectrum system
- Analytics by Deep Learning engine
- Up to 24 secondary streams
- Redundant power supply
- Intel XEON Silver processor
- 1x mini Display Port, for system configuration
- 4 x 1Gb Ethernet ports
- Windows 11 IoT LTSC on separate RAID1 configured m.2 NVMe SSD
- One (1) 4-channel DW Ai Server license included (DW-AiSLSC004)
- No annual maintenance fees
- Rail kit included
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- UL Listed
- NDAA/TAA compliant
- 5 year warranty, next business day on-site hardware service *after remote diagnosis

Dimensions

Unit: inch (mm)



Specifications

PART NUMBER		DW-BJAiARA2
Included DW Ai Server Licenses		4 channels (DW-AiSLSC004)
Form Factor		2U Rackmount
Operating System		Windows 11 IoT LTSC
OS on SSD		2x 512GB M.2 (RAID1)
CPU		Intel XEON Silver 4215R
Memory		32GB
Ethernet Port		4 x 1Gb Ethernet
System	Max # of Analytic Streams (secondary)	Up to 24
	USB Interface	Yes
Video-Out	Outputs	1x mini Display Port for system configuration
	Graphics Card	NVIDIA RTX A2000 12GB
Preloaded Analytic Software		DW Ai Server
AI Configuration Tool Supported OS		Cross-platform - Windows and Linux Ubuntu
Keyboard and Mouse		Included
Rail Kit		Included
Power Supply		1100W Redundant**
Operating Temperature (room)		41°F~104°F (5°C~40°C)
Operating Humidity		20~90% RH
Dimension (WxDxH)		3.41" x 17.0" x 28.37" (29.78" with bezel); 86.8mm x 482mm x 715.5mm (751.3mm with bezel)
Other Certification		NDAA, TAA, UL, FCC and CE
Warranty		5 year HW warranty with next day on-site repair after remote diagnosis

** 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.

Built for Users.™

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

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