



Summary

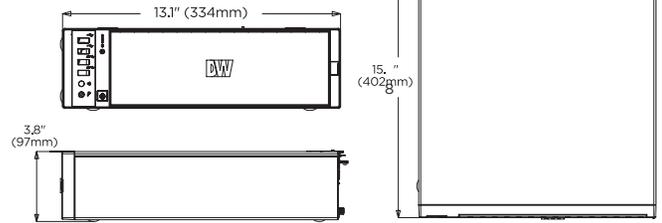
Blackjack Ai slim desktop is an AI NVR with server-side neural-network-based analytics that unlocks advanced AI capabilities on any connected video stream. The NDA/TAA-compliant server is a cost-effective, easy-to-deploy turnkey solution, comes preloaded with DW Spectrum and is backed by our 5 year limited warranty.

Features

- Hosting Intelligent Video Analytics AI software deep learning and color filter
- Server-side analytics for non-analytic cameras
- Deep learning classifiers
- 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 analytic streams
- Supports all ONVIF conformant IP cameras
- Up to 40TB of internal storage
- 12th Gen Intel Core i7 processor
- 1x mini Display Port for system configuration
- 1 x 1Gb Ethernet, 1x 2.5Gb Ethernet ports
- Windows 11 IoT LTSC on a separate SSD
- Hosting DW Spectrum 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-DWAiSLSC004)
- No annual maintenance fees
- Dual stream recording
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- NDA/TAA compliant for federal and government projects
- 5 Years limited warranty

Dimensions

Unit: inch (mm)



Specifications

PART NUMBER	DW-BJAiDX	
Included DW Spectrum IP licenses	4 (1x DW-SPECTRUMLSC004)	
Included DW Ai Server Licenses	4 (1x DW-DWAiSLSC004)	
Form Factor	Slim Desktop	
Operating System	Windows 11 IoT LTSC	
OS on SSD	480GB SSD	
CPU	12th Gen Intel Core i7 processor	
Memory	32GB	
Ethernet Port	1 x 1Gb Ethernet, 1x 2.5Gb Ethernet	
System	Max video storage rate (Mbps)	320Mbps
	Max # of analytic streams (secondary)	Up to 64
	Maximum HDD	2 x 3.5 SATA HDD
	Storage Options	40TB
	RAID	N/A
Video-out	USB interface	Yes
	Outputs	1x mini Display Port for system configuration. (3 x miniDP ports disabled)
Preloaded VMS software	Graphics Card	NVIDIA RTX A2000 12GB
	Preloaded VMS software	DW Spectrum
DW Spectrum Client supported OS	Cross-platform - Windows, Linux Ubuntu and Mac	
Preloaded 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	
Power supply	300W**	
Operating temperature (room)	41°F-104°F (5°C-40°C)	
Operating humidity	20-90% RH	
Dimension (WxDxH)	13.1" x 3.8" x 15.8" (334 x 97 x 402 mm)	
Other certification	NDA, TAA, CE, FCC	
Warranty	5 years limited warranty	

** 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.

Available Models:

- DW-BJAiDX24T - 24TB internal storage.
- DW-BJAiDX32T - 32TB internal storage.
- DW-BJAiDX40T - 40TB internal storage.

Designed and Commissioned in the U.S.A. 



866.446.3595

sales@digital-watchdog.com

www.digital-watchdog.com

Built for Users.™

