Blackjack® CX™

PoE Servers Powered by DW Spectrum

16-channel PoE NVR with 8 virtual channels
DW-BJCXxT-LX

NDAA/TAA COMPLIANT PRODUCT

8-40TB	**24CH 16×**	Linux OS	Quad-Core	**DW** spectrum	**5YEAR**
8-40TB Storage	24 Channels Total 16 Channels PoE	Linux OS on SSD	Quad-Core Processor	DW Spectrum	Limited Warranty

Dimensions
Unit: inch (mm)

13.7" (348mm)

13.66" (347mm)
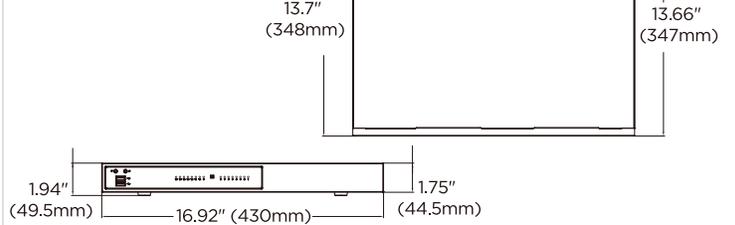
1.94" (49.5mm)

16.92" (430mm)

1.75" (44.5mm)

Summary

The Blackjack® CX™ is a sophisticated yet easy to use and cost-effective recording solution, eliminating the need for complicated power and wiring installation. The NDAA and TAA-compliant NVR is a plug-and-play embedded NVR powered by DW Spectrum IPVMS with up to 15W simultaneous local PoE power on all ports, giving customers significant versatility on camera choices, with real-time 30fps live and recorded video capabilities. Eight additional ports are supported when you add an external switch. The NVR comes with alarm inputs and outputs, microphone/audio input and output, an Intel® quad-core processor, 8GB memory and local display output up to 4K. The Blackjack CX is available with up to 40TB of internal storage and a 5-year limited warranty.

Features

- Supports all ONVIF conformant IP cameras
- Storage options 8-40TB internal storage
- Record and manage up to 24 IP cameras with local 16 PoE support
- Record and manage single- and multi-sensor IP cameras of any resolution up to 80Mbps throughput
- Linux Ubuntu OS on SSD
- Intel® processor
- 1xTrue HD, 1x DVI, 1 display output at a time
- Dual network ports
- 4 alarm inputs, 2 alarm outputs
- 1 audio input, 1 audio output, 1 microphone input
- One-time recording license charge, fully transferable between cameras and encoders
- One (1) 4-channel license included (DW-SPECTRUMLSC004).
- No annual maintenance fees
- Simple enterprise scalability and auto device discovery
- Dual stream recording
- USB mouse and keyboard included
- DW-BJCXRM rack mount ears included with the recorder
- Designed, assembled and tested in the U.S.A.
- NDAA/TAA compliant
- 5 Years limited warranty

Specifications

ONVIF

DESCRIPTION		Blackjack CX
Included IP licenses		4
Form factor		PoE standalone NVR
Operating system		Ubuntu Desktop 20.04.3 LTS for IoT
OS on SSD		Yes
CPU		Intel® processor
Memory		8GB
Ethernet port		2x gigabit Ethernet ports (RJ45)
Local PoE ports		802.3af support 16 ports x 10/100 PoE, 15W per port (240W max PSE)
Alarm in/out		4x alarm inputs / 2 alarm outputs via terminal block
Audio in/out		1x line-in / 1x line-out / 1 microphone input
Max supported cameras		16 PoE/PoE+ ports, 8 virtual channels, total 24 cameras
Max video storage rate (Mbps)		80 Mbps
Storage	Maximum HDD	2x 3.5" SATA HDD
	Maximum storage	40TB
	USB interface	2x USB 3.1 ports, 4x USB 2.0 ports
Video-out	Outputs	1x true HD, 1x DVI-I for system configuration. Maximum 1 display output at a time.
	Resolution	4096 x 2160
Pre-loaded VMS software		DW Spectrum® IPVMS Server
Remote clients		Cross-platform - Windows®, Linux Ubuntu® and Mac®
Mobile apps		iOS® and Android®
Keyboard and mouse		Included
Rail kit		DW-BJCXRM 19" rack mount ears included. Wall mount rack available. Sold separately
Power supply		AC 100V-240V 410W**
Operating temperature		32°F-104°F (0°C-40°C)
Operating humidity		10-90% RH
Dimension (WxDxH)		16.92" (W) x 1.75" (H) x 13.7" (D) (430mm (W) x 44.5mm (H) x 348mm (D))
Other certification		NDAA, TAA
Warranty		5 year limited

** UPS Recommended.

Designed and Commissioned in the U.S.A.

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DW

Accessories (Optional)

DW-BJCXRM
Rack mount ears
(included)

DW-BJCXWM
Wall mount bracket

Part number

- DW-BJCX8T-LX – 8TB internal storage.
- DW-BJCX16T-LX – 16TB internal storage.
- DW-BJCX24T-LX – 24TB internal storage.
- DW-BJCX32T-LX – 32TB internal storage.
- DW-BJCX40T-LX – 40TB internal storage.

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