Blackjack®
Servers Powered by DW Spectrum® IPVMS
Designed and Commissioned in the U.S.A. 🇺🇸

DW-BJER4U, DW-BJER4U-LX
Blackjack E-RACK 4U 24-Bay Chassis

NDAA COMPLIANT PRODUCT   **TAA** COMPLIANT PRODUCT   FC

30-230TB Storage | 128 Record up to 128 IP Cameras | RAID | Hot-Swappable HDD | IPVMS | 5 YEAR Limited Warranty

The Blackjack® E-Rack™ servers can record and manage single- and multi-sensor IP cameras of any resolution, with an equivalent capacity of up to 128 2.1MP cameras at 30fps and a maximum of 600Mbps throughput. The servers offer Windows 10® Pro or Linux® Ubuntu®, RAID 5, Intel® i7® Processor, 16GB memory, multiple local view options via DP Switch. All Blackjack® E-Rack™ servers come with two 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSC004). The Blackjack® E-Rack™ 4U 24-bay chassis comes with different storage options from 40TB to 240TB and with the unbeatable, highest warranty in the market, offering 5 years limited warranty.

Features

- Supports all ONVIF conformant IP cameras
- Storage options 30-310TB RAID 5 internal storage (Option RAID 6)
- Hot spare HDDs
- Data redundancy
- Redundant power supply
- Record and manage single- and multi-sensor IP cameras of any resolution up to 128 2.1MP cameras at 30fps and a maximum of 600Mbps throughput
- Local monitoring outputs ports
- Dual network ports
- Windows 10 IoT or Linux Ubuntu 18.04 LTS OS on separate SSD
- Hosting DW Spectrum for Setup, Configuration, Monitoring and Recording

- Two (2) DW Spectrum IPVMS 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSC004)
- No annual maintenance fees
- Simple enterprise scalability
- Auto device discovery
- Dual-stream recording
- USB output for OS recovery
- Rail kit Included
- USB mouse and keyboard included
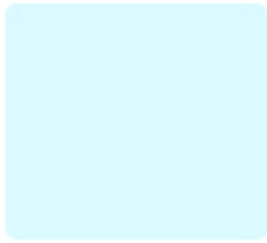- NDAA/TAA compliant
- 5 years limited warranty

Built for Users.™
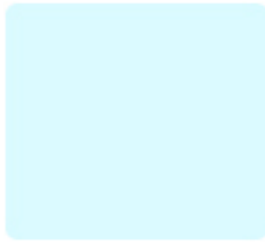
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Specifications

Video	
CPU	Intel i7 processor
Display Modes	Unlimited, Customizable, Sequence
Display Speed	Up to 30fps per channel
Local Video Outputs	4x Mini DisplayPort outputs, Mini Display Port to true HD adapter (included)
Memory	16GB
Video Card	AMD FinePro W4100
Video Compression	H.264, H.265
Video Operating System	Linux Ubuntu Desktop 20.04.5 LTS OS
OS on SSD	150GB SSD (RAID1 mirrored)
Max throughput (Mbps)	600Mbps
Storage	
Raw internal storage options	024TB (DW-BJER4U200T), 080TB, 160TB, 240TB, 040TB, 120TB, 200TB
Max HDD Bay	24x SATA HDD
Maximum Storage	240TB RAID 5 (230TB usable storage), * Available at initial order only, Option: DW-HSD10TB - 10TB hot spare drive
Performance	
Playback Functions	Timeline, Event search, Smart motion search, Calendar, Thumbnail search
PTZ control	ONVIF
Recording Modes	Continuous, Motion + low res always, Object + Low res, Motion + Object + Low res, Motion detection, Object only, Motion + Object
System Operation	Graphical user interface (GUI), Remote via DW Spectrum IPVMS, USB mouse (included)
Network	
Backup	Network backup via DW Spectrum IPVMS
Ethernet Ports	2x 1G Ethernet (RJ45)
Ethernet Ports (Product Specification)	Option: DW-R2NIC - upgrade dual 1GB NIC card, * Available at initial order only
Pre-loaded VMS software	DW Spectrum IPVMS
Network Remote Software	Cross-platform - Windows , Linux Ubuntu and Mac , DW Spectrum Mobile App, DW Mobile Plus, DW Site Viewer for Apple TV
Electrical	
Power Consumption	A UPS is recommended, Redundant power supply, 920W dual power
General	
Accessories	Mouse, Keyboard
Field Repair Kit	DW-FRK4U
Included IP licenses	8
Operating Temperature and Humidity	20 ~ 90% RH, 41 ~ 104 F (5-40 C)
Rail kit	Included
Recorder Dimensions (H X W X D)	17.2" x 25.5" x 7" (436.8 x 647.7 x 177.8 mm)
Recording Licenses (Optional. Sold Separately)	DW-SPVWALL1X2 - Single DW Spectrum Video Wall IPVMS License, DW-SPECTRUMLSC010 - Ten (10) DW Spectrum IPVMS Recording Licenses, Lifetime upgrades are included with no annual renewal fees., DW-SPECTRUMLSC050 - Fifty (50) DW Spectrum IPVMS Recording Licenses, DW-SPCP04LSC004 - Four (4) DW Spectrum Analog Encoder IPVMS Licenses, DW-SPCP16LSC016 - Sixteen (16) DW Spectrum Analog

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Form Factor	Rack mount

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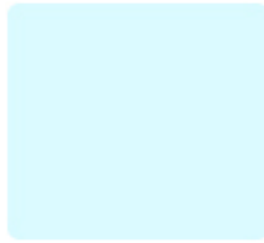Designed and Commissioned in the U.S.A. 🇺🇸
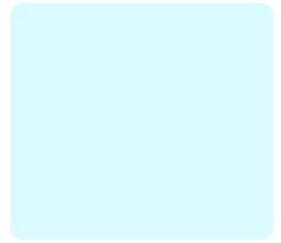
Accessories (optional)

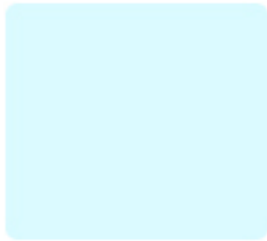DW-SPECTRUMLSC050
Fifty (50) DW Spectrum IPVMS
Licenses

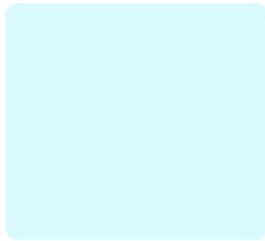DW-SPECTRUMLSC004
Four (4) DW Spectrum IPVMS
Licenses

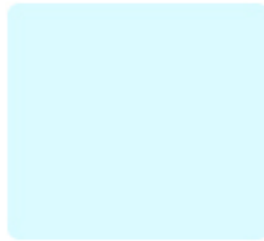DW-SPECTRUMLSC100
One Hundred (100) W Spectrum
IPVMS Licenses

DW-SPCP16LSC016
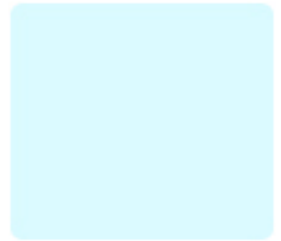Single DW Spectrum IPVMS
Encoder License - 16 channels

DW-SPCP04LSC004
Single DW Spectrum IPVMS
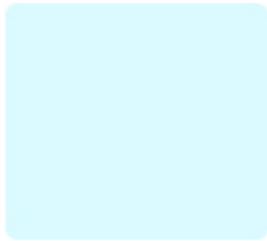Encoder License - 4 channels

DW-SPIOLSC001
Single DW Spectrum IPVMS IP I/O
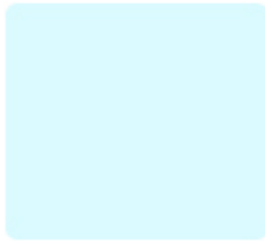Module License

DW-SPECTRUMLSC001
Single DW Spectrum IPVMS
License

DW-SPVWALL1X2
Single DW Spectrum IPVMS Video
Wall license - 2 monitors

DW-SPECTRUMLSC010
Ten (10) DW Spectrum IPVMS
Licenses

DW-SPECTRUMLSC020
Twenty (20) DW Spectrum IPVMS
Licenses

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