

# Blackjack<sup>®</sup> E-RACK

Servers Powered by DW Spectrum<sup>®</sup> IPVMS

**NDAA/TAA**  
COMPLIANT PRODUCTS



DW-BJER2U / DW-BJER3U / DW-BJER4U (shown)

- 30-310TB**  
30-310TB Storage
- 128**  
Record up to 128 IP Cameras
- RAID**
- Hot-Swappable HDD**
- IPVMS**
- 5 YEAR**  
Limited Warranty

## Summary

The Blackjack<sup>®</sup> E-Rack<sup>™</sup> servers are NDAA/TAA servers that can record and manage single- and multi-sensor IP cameras of any resolution, with a maximum of 600Mbps throughput. The servers offer Windows 10<sup>®</sup> IoT or Linux<sup>®</sup> Ubuntu<sup>®</sup> 18.04 LTS, RAID5, Intel<sup>®</sup> i7<sup>®</sup> Processor, 16GB memory, multiple local view options via DP Switch. The server is available with 30-310TB HDD for true enterprise scalability and 5 year limited warranty. All Blackjack<sup>®</sup> E-Rack<sup>™</sup> servers come with two 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSCO04).

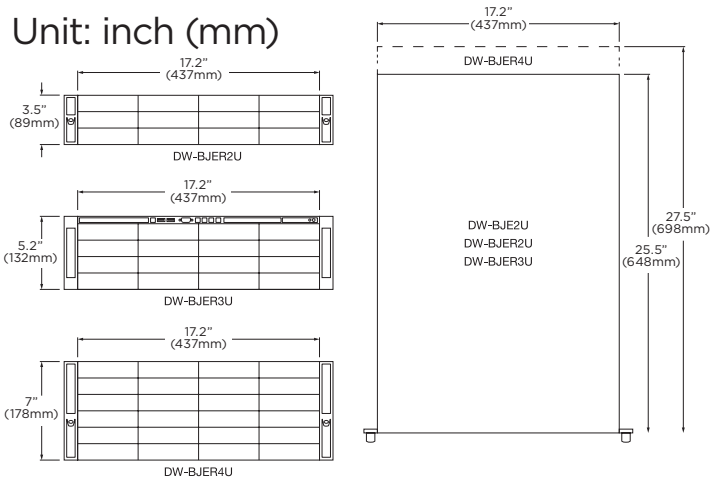
## Features

- Supports all ONVIF conformant IP cameras
- Storage options 30-310TB RAID5 internal storage (Option RAID6)
- Hot spare HDDs
- Data redundancy
- Redundant power supply
- Record and manage single- and multi-sensor IP cameras of any resolution with 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
- USB Interface
- SD card interface
- Hosting DW Spectrum for Setup, Configuration, Monitoring and Recording
- One-time Recording License Charge, Fully Transferable Between Cameras and Encoders
- Two (2) DW Spectrum<sup>®</sup> IPVMS 4-channel licenses for a total of 8 recording channels (DW-SPECTRUMLSCO04)
- No annual maintenance fees
- Simple enterprise scalability
- Auto device discovery
- Dual stream recording
- Rail kit Included
- USB mouse and keyboard included
- 5 years limited warranty

2U, 3U and 4U rack mount serves  
DW-BJER2U / DW-BJER3U / DW-BJER4U

## Dimensions

Unit: inch (mm)



## Specifications



PART NUMBER	2U -12 Bay	3U - 16 Bay	4U -24 Bay	4U -36 Bay
Included IP licenses	8			
Form factor	Rack mount			
Operating system	Windows 10 IoT	DW-BJER2UXT	DW-BJER3UXT	DW-BJER4UXT
	Linux Ubuntu 18.04 LTS	DW-BJER2UXT-LX	DW-BJER3UXT-LX	DW-BJER4UXT-LX
CPU	Intel <sup>®</sup> i7 <sup>®</sup> processor			
Memory	16GB			
Ethernet port	2x gigabit ethernet (RJ45)			
	Options: DW-R2NIC - upgrade quad GB NIC card**			
System	Max video storage rate (Mbps) 600Mbps			
Storage	Maximum Hard Drives	12 x HDD	16 x HDD	24 x HDD
	Maximum storage	110TB RAID 5 Option: RAID 6**	150TB RAID 5 Option: RAID 6**	230TB RAID 5 Option: RAID 6**
		310TB RAID 5 Option: RAID 6**		
Video-out	Outputs	4x HD display port outputs, simultaneous monitors		
	Video card	AMD FirePro W4100		
	Resolution	4x Mini display port to true HD adapters 1080p		
Preloaded VMS	DW Spectrum <sup>®</sup> IPVMS			
Keyboard and mouse	Included			
Rail kit	Included			
Power Supply	Dual 920W***, redundant power supply			Dual 1280W***, redundant power supply
	Voltage	AC Input: 100-240V / 11-4.4A / 50-60Hz		
DC Output: 920W: +12V/75A; +5V sb/4A			DC output: 1000W: +12V/83A; +5Vsb/4A 1280W: +12V/106.7A; +5Vsb/4A	
Operating temperature and humidity	41°F-104°F (5°C-40°C) / 20-90% RH			
Dimension (WxDxH)	17.2" x 25.5" x 3.5"	17.2" x 25.5" x 5.25"	17.2" x 25.5" x 7"	
Field repair kit	DW-FRK2U			
Warranty	5 year limited			

\*NOTE: Maximum supported IP Cameras must be equal to max throughput information.

\*\*NOTE: available at time of order only

\*\*\*NOTE: UPS recommended

Designed and Commissioned in the U.S.A.

Available models continued on page 2.



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### Available Models

#### Windows<sup>®</sup> OS

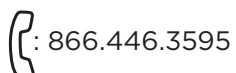
- DW-BJER2U40T - 2U chassis, 30TB usable storage.
- DW-BJER2U60T - 2U chassis, 50TB usable storage.
- DW-BJER2U80T - 2U chassis, 70TB usable storage.
- DW-BJER2U120T - 2U chassis, 110TB usable storage.
- DW-BJER3U40T - 3U chassis, 30TB usable storage.
- DW-BJER3U60T - 3U chassis, 50TB usable storage.
- DW-BJER3U80T - 3U chassis, 70TB usable storage.
- DW-BJER3U120T - 3U chassis, 110TB usable storage.
- DW-BJER3U160T - 3U chassis, 150TB usable storage.
- DW-BJER4U40T - 4U chassis, 30TB usable storage.
- DW-BJER4U80T - 4U chassis, 70TB usable storage.
- DW-BJER4U120T - 4U chassis, 110TB usable storage.
- DW-BJER4U160T - 4U chassis, 150TB usable storage.
- DW-BJER4U200T - 4U chassis, 190TB usable storage.
- DW-BJER4U240T - 4U chassis, 230TB usable storage.
- DW-BJER4U280T - 4U chassis, 270TB usable storage.
- DW-BJER4U320T - 4U chassis, 310TB usable storage.

#### Linux<sup>®</sup> Linux<sup>®</sup> OS

- DW-BJER2U40T-LX - 2U chassis, 30TB usable storage.
- DW-BJER2U60T-LX - 2U chassis, 50TB usable storage.
- DW-BJER2U80T-LX - 2U chassis, 70TB usable storage.
- DW-BJER2U120T-LX - 2U chassis, 110TB usable storage.
- DW-BJER3U40T-LX - 3U chassis, 30TB usable storage.
- DW-BJER3U60T-LX - 3U chassis, 50TB usable storage.
- DW-BJER3U80T-LX - 3U chassis, 70TB usable storage.
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