

# Blackjack<sup>®</sup> RACK SERVER

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



**NDAA/TAA**  
COMPLIANT PRODUCT  
**ONVIF**



## Summary

This BlackJack<sup>®</sup> Rack<sup>™</sup> server is the ultimate solution for recording multiple IP cameras of any resolution at up to 600Mbps throughput. The server is NDAA/TAA compliant, UL-listed and includes Windows 10<sup>®</sup>, Windows Server<sup>®</sup> or Linux<sup>®</sup> Ubuntu<sup>®</sup> OS on a separate 480GB NVMe SSD. The 2U rack-mountable hardware features dual Intel<sup>®</sup> Xeon<sup>®</sup> processors, 32GB memory, dual network cards, dual power supply, mini DisplayPort outputs and removable hot-swappable drives. The BlackJack Rack server comes preloaded with DW Spectrum<sup>®</sup> IPVMS and eight recording licenses, up to 240TB raw internal storage with RAID5 and is ONVIF conformant. The server comes complete with a 5-year, on-site, Next Business Day<sup>\*\*</sup>, Keep Your Hard Drive warranty to ensure peace of mind.

## Features

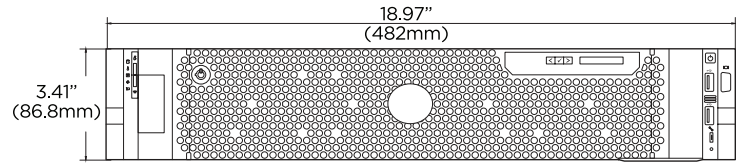
- Supports all ONVIF conformant IP cameras
- Storage options 80-240TB raw internal storage
- Record and manage single- and multi-sensor IP cameras of any resolution up to 600Mbps throughput
- Hot Swappable HDDs
- OS RAID 1, Data RAID5, RAID6 options
- Redundant power supply
- Dedicated GPU for client application for easy configuration
- Dual Intel<sup>®</sup> Xeon<sup>®</sup> processor
- 2x 1G, 4 x 1G Ethernet ports
- Windows 10<sup>®</sup>, Ubuntu<sup>®</sup> Linux<sup>®</sup>, Windows Server<sup>®</sup> OS on
- 480GB NVMe SSD, RAID1
- Hosting DW Spectrum<sup>®</sup> for setup, configuration, monitoring and recording
- One-time recording license charge, fully transferable between cameras and encoders
- Two (2) 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSCO04)
- No annual maintenance fees
- Simple enterprise scalability and auto device discovery
- Dual stream recording
- 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\*, keep your hard drive - \*after remote diagnosis

## 2U rackmount server

DW-BJRR2PxxT, DW-BJRR2PxxTLX, DW-BJRR2PxxTS

## Dimensions

Unit: Inch (mm)



## Specifications



MODEL		DW-BJRR2P
Included IP licenses		8
Form factor		2U rack mount
Operating system	Windows <sup>®</sup> 10 IoT LTSC	DW-BJRR2PxxT
	Ubuntu <sup>®</sup> Desktop 20.04 LTS	DW-BJRR2PxxTLX
	Windows Server <sup>®</sup> 2022 STD	DW-BJRR2PxxTS
	OS on SSD	2 x 480GB NVMe SSD (RAID1)
CPU		2x Intel <sup>®</sup> Xeon <sup>®</sup> Silver processors
Memory		32GB
Ethernet port		2x 1G Ethernet Onboard 4 x 1G Ethernet on Expansion board
System	Max video storage rate (Mbps)	600Mbps
	Storage	Maximum HDD Maximum storage RAID options USB interface
Video-out	Outputs	1 x mini DisplayPort (1 x mini-DP to true HD adapter included)
	Video card	Nvidia Quadro
Preloaded VMS software		DW Spectrum <sup>®</sup> IPVMS
Remote clients		Cross-platform - Windows <sup>®</sup> , Linux Ubuntu <sup>®</sup> and Mac <sup>®</sup>
Mobile apps		iOS <sup>®</sup> and Android <sup>®</sup>
Keyboard and mouse		Included
Rail kit		Included
Power supply		800W dual power supply**
Operating temperature		41°F-104°F (5°C-40°C)
Operating humidity		5-85% RH
Dimension (WxDxH)		18.97" x 28.4" x 3.41" (482 x 721.62 x 86.8mm)
Other certification		UL, FCC, CE, NDAA, TAA
Warranty		5 year warranty with next day on-site repair

Designed and Commissioned in the U.S.A.

\* After remote diagnosis.  
\*\* A UPS is recommended.



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Available Models

Windows® 10® OS

Part Numbers	Available Storage, RAID 5
DW-BJRR2P80T	80TB raw, 60TB usable
DW-BJRR2P100T	100TB raw, 80TB usable
DW-BJRR2P120T	120TB raw, 100TB usable
DW-BJRR2P140T	140TB raw, 120TB usable
DW-BJRR2P160T	160TB raw, 140TB usable
DW-BJRR2P180T	180TB raw, 160TB usable
DW-BJRR2P200T	200TB raw, 180TB usable
DW-BJRR2P220T	220TB raw, 200TB usable
DW-BJRR2P240T	240TB raw, 220TB usable

Part Numbers	Available Storage, RAID 6
DW-BJRR2P80T6	80TB raw, 40TB usable
DW-BJRR2P100T6	100TB raw, 80TB usable
DW-BJRR2P120T6	120TB raw, 80TB usable
DW-BJRR2P140T6	140TB raw, 100TB usable
DW-BJRR2P160T6	160TB raw, 120TB usable
DW-BJRR2P180T6	180TB raw, 140TB usable
DW-BJRR2P200T6	200TB raw, 160TB usable
DW-BJRR2P220T6	220TB raw, 180TB usable
DW-BJRR2P240T6	240TB raw, 200TB usable

Ubuntu® Linux® OS

Part Numbers	Available Storage, RAID 5
DW-BJRR2P80TLX	80TB raw, 60TB usable
DW-BJRR2P100TLX	100TB raw, 80TB usable
DW-BJRR2P120TLX	120TB raw, 100TB usable
DW-BJRR2P140TLX	140TB raw, 120TB usable
DW-BJRR2P160TLX	160TB raw, 140TB usable
DW-BJRR2P180TLX	180TB raw, 160TB usable
DW-BJRR2P200TLX	200TB raw, 180TB usable
DW-BJRR2P220TLX	220TB raw, 200TB usable
DW-BJRR2P240TLX	240TB raw, 220TB usable

Part Numbers	Available Storage, RAID 6
DW-BJRR2P80T6LX	80TB raw, 40TB usable
DW-BJRR2P100T6LX	100TB raw, 80TB usable
DW-BJRR2P120T6LX	120TB raw, 80TB usable
DW-BJRR2P140T6LX	140TB raw, 100TB usable
DW-BJRR2P160T6LX	160TB raw, 120TB usable
DW-BJRR2P180T6LX	180TB raw, 140TB usable
DW-BJRR2P200T6LX	200TB raw, 160TB usable
DW-BJRR2P220T6LX	220TB raw, 180TB usable
DW-BJRR2P240T6LX	240TB raw, 200TB usable

Windows® Server® OS

Part Numbers	Available Storage, RAID 5
DW-BJRR2P80TS	80TB raw, 60TB usable
DW-BJRR2P100TS	100TB raw, 80TB usable
DW-BJRR2P120TS	120TB raw, 100TB usable
DW-BJRR2P140TS	140TB raw, 120TB usable
DW-BJRR2P160TS	160TB raw, 140TB usable
DW-BJRR2P180TS	180TB raw, 160TB usable
DW-BJRR2P200TS	200TB raw, 180TB usable
DW-BJRR2P220TS	220TB raw, 200TB usable
DW-BJRR2P240TS	240TB raw, 220TB usable

Part Numbers	Available Storage, RAID 6
DW-BJRR2P80TS6	80TB raw, 40TB usable
DW-BJRR2P100TS6	100TB raw, 80TB usable
DW-BJRR2P120TS6	120TB raw, 80TB usable
DW-BJRR2P140TS6	140TB raw, 100TB usable
DW-BJRR2P160TS6	160TB raw, 120TB usable
DW-BJRR2P180TS6	180TB raw, 140TB usable
DW-BJRR2P200TS6	200TB raw, 160TB usable
DW-BJRR2P220TS6	220TB raw, 180TB usable
DW-BJRR2P240TS6	240TB raw, 200TB usable

DW Spectrum® IPVMS licenses

- DW-SPECTRUMLSC001 - Single recording license
- DW-SPECTRUMLSC004 - Four (4) recording licenses
- DW-SPECTRUMLSC010 - Ten (10) recording licenses
- DW-SPECTRUMLSC020 - Twenty (20) recording licenses
- DW-SPECTRUMLSC050 - Fifty (50) recording licenses
- DW-SPECTRUMLSC100 - One Hundred (100) recording licenses



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