NDAA/TAA COMPLIANT PRODUCT

Dimensions
Unit: Inch (mm)

18.97"
(482mm)

3.41"
(86.8mm)

Summary

This Blackjack® Rack™ 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®, Windows Server® or Linux® Ubuntu® OS on a separate 480GB NVMe SSD. The 2U rack-mountable hardware features dual Intel® Xeon® 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® 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**, Keep Your Hard Drive warranty to ensure peace of mind.
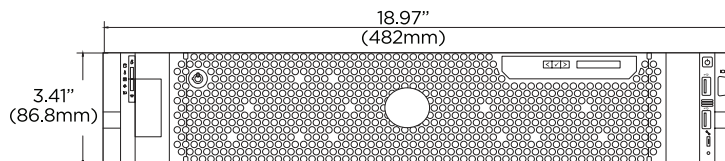
Features

- 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® Xeon® processor
- 2x 1G, 4 x 1G Ethernet ports
- Windows 10®, Ubuntu® Linux®, Windows Server® OS on
- 480GB NVMe SSD, RAID1
- Hosting DW Spectrum® 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-SPECTRUMLSC004)
- Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
- 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

Specifications

MODEL		DW-BJRR2P
Included IP licenses		4 (1x DW-SPECTRUMLSC004)
		Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
Form factor		2U rack mount
Operating system	Windows® 10 IoT LTSC	DW-BJRR2PxxT
	Ubuntu® Desktop 20.04 LTS	DW-BJRR2PxxTLX
	Windows Server® 2022 STD	DW-BJRR2PxxTS
	OS on SSD	2 x 480GB NVMe SSD (RAID1)
CPU		2x Intel® Xeon® 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	12x 3.5" SATA HDD
	Maximum storage	Max raw 240TB
	RAID options	OS RAID 1, Data RAID5, RAID6
	USB interface	Yes
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® IPVMS
Remote clients		Cross-platform - Windows®, Linux Ubuntu® and Mac®
Mobile apps		iOS® and Android®
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	Part Numbers	Available Storage, RAID 6
DW-BJRR2P80T	80TB raw, 60TB usable	DW-BJRR2P80T6	80TB raw, 40TB usable
DW-BJRR2P100T	100TB raw, 80TB usable	DW-BJRR2P100T6	100TB raw, 80TB usable
DW-BJRR2P120T	120TB raw, 100TB usable	DW-BJRR2P120T6	120TB raw, 80TB usable
DW-BJRR2P140T	140TB raw, 120TB usable	DW-BJRR2P140T6	140TB raw, 100TB usable
DW-BJRR2P160T	160TB raw, 140TB usable	DW-BJRR2P160T6	160TB raw, 120TB usable
DW-BJRR2P180T	180TB raw, 160TB usable	DW-BJRR2P180T6	180TB raw, 140TB usable
DW-BJRR2P200T	200TB raw, 180TB usable	DW-BJRR2P200T6	200TB raw, 160TB usable
DW-BJRR2P220T	220TB raw, 200TB usable	DW-BJRR2P220T6	220TB raw, 180TB usable
DW-BJRR2P240T	240TB raw, 220TB usable	DW-BJRR2P240T6	240TB raw, 200TB usable

Ubuntu® Linux® OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2P80TLX	80TB raw, 60TB usable	DW-BJRR2P80T6LX	80TB raw, 40TB usable
DW-BJRR2P100TLX	100TB raw, 80TB usable	DW-BJRR2P100T6LX	100TB raw, 80TB usable
DW-BJRR2P120TLX	120TB raw, 100TB usable	DW-BJRR2P120T6LX	120TB raw, 80TB usable
DW-BJRR2P140TLX	140TB raw, 120TB usable	DW-BJRR2P140T6LX	140TB raw, 100TB usable
DW-BJRR2P160TLX	160TB raw, 140TB usable	DW-BJRR2P160T6LX	160TB raw, 120TB usable
DW-BJRR2P180TLX	180TB raw, 160TB usable	DW-BJRR2P180T6LX	180TB raw, 140TB usable
DW-BJRR2P200TLX	200TB raw, 180TB usable	DW-BJRR2P200T6LX	200TB raw, 160TB usable
DW-BJRR2P220TLX	220TB raw, 200TB usable	DW-BJRR2P220T6LX	220TB raw, 180TB usable
DW-BJRR2P240TLX	240TB raw, 220TB usable	DW-BJRR2P240T6LX	240TB raw, 200TB usable

Windows® Server® OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2P80TS	80TB raw, 60TB usable	DW-BJRR2P80TS6	80TB raw, 40TB usable
DW-BJRR2P100TS	100TB raw, 80TB usable	DW-BJRR2P100TS6	100TB raw, 80TB usable
DW-BJRR2P120TS	120TB raw, 100TB usable	DW-BJRR2P120TS6	120TB raw, 80TB usable
DW-BJRR2P140TS	140TB raw, 120TB usable	DW-BJRR2P140TS6	140TB raw, 100TB usable
DW-BJRR2P160TS	160TB raw, 140TB usable	DW-BJRR2P160TS6	160TB raw, 120TB usable
DW-BJRR2P180TS	180TB raw, 160TB usable	DW-BJRR2P180TS6	180TB raw, 140TB usable
DW-BJRR2P200TS	200TB raw, 180TB usable	DW-BJRR2P200TS6	200TB raw, 160TB usable
DW-BJRR2P220TS	220TB raw, 200TB usable	DW-BJRR2P220TS6	220TB raw, 180TB usable
DW-BJRR2P240TS	240TB raw, 220TB 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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