

2U rackmount server DW-BJRR2UxxT, DW-BJRR2UxxTLX, DW-BJRR2UxxTS



100-240TB Raw Storage

Summary

to ensure peace of mind.

up to 600Mbps throughput Hot Swappable HDDs

Redundant power supply

 Intel[®] Xeon[®] processor 2x 1G, 4 x 1G Ethernet ports

and encoders

480GB NVMe SSD, RAID1

(DW-SPECTRUMLSC004) No annual maintenance fees

USB mouse and keyboard included

hard drive - *after remote diagnosis

Designed, assembled and tested in the U.S.A.

Dual stream recording Rail kit included

NDAA/TAA compliant

• Supports all ONVIF conformant IP cameras Storage options 80-240TB raw internal storage

OS RAID 1, Data RAID5, RAID6 options

Features

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UL Listed

600Mbps Windows 10, Server Throughput & Linux Ubuntu OS

RAID5

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 rackmountable hardware features an Intel® Xeon® processor, 16GB 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

Record and manage single- and multi-sensor IP cameras of any resolution

 Hosting DW Spectrum[®] for setup, configuration, monitoring and recording One-time recording license charge, fully transferable between cameras

Two (2) 4-channel licenses included for a total of 8 recording channels

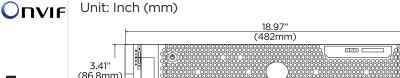
5 year warranty, next business day on-site hardware service*, keep your

Dedicated GPU for client application for easy configuration

Windows 10[®]. Ubuntu[®] Linux[®]. Windows Server[®] OS on

Simple enterprise scalability and auto device discovery

DYEAR Intel Xeon Warranty Processor



Specifications

Dimensions

MODELDW-BJRR2UIncluded IP icenses8Form factor2U rack mountOperating systemWindows*10 IoT LTSCDW-BJRR2UxxTUbuntu* Desktop 20.04 LTSDW-BJRR2UxxTLXWindows Server* 2019 STDDW-BJRR2UxXTSOS on SSD2 x 480GB NVMe SSD (RAIDI)CPU1x Intel* Xeon* Silver processorMemory16GBEthernet PVT2x 1G Ethernet Onboard 4 x 1G Ethernet On Expansion boardSystemMax video storage rate (Mbps)600MbpsMaximum HDD12x 3.5" SATA HDDAgainer (Mbps)OS RAID 1, Data RAIDS, RAID6Video cordYesVideo cord1 x mini DisplayPort (1 x mini-DP to true HD adapter included)Video cordCross-platform - Windows*, Linux Ubuntu*Nobile ap>:iOS* shareMobile ap>:SoftwareNobile ap>:SoftwareNobile app:3800W dual power supply**Operating true preature41* F-104*F (5°C-40°C)Operating true preature18.97" x 28.4" x 3.41" (482 x 721.62 x 86.8mm)Other certifictionUL, FCC, CE, NDAA, TAA			LISTED	
Form factor 2U rack mount Operating system Windows* 10 IoT LTSC DW-BJRR2UxxT Ubuntu* Desktop 20.04 LTS DW-BJRR2UxxTLX Windows Server* 2019 STD DW-BJRR2UxxTS OS on SSD 2 x 480GB NVMe SSD (RAIDI) CPU Ix Intel* Xeon* Silver processor Memory 16GB Ethernet port 2x 1G Ethernet Onboard 4 x 1G Ethernet on Expansion board 4 x 1G Ethernet on Expansion board System Max video storage rate (Mbps) 600Mbps System Maximum HDD 12x 3.5" SATA HDD Maximum storage Max raw 240TB RAID options OS RAID 1, Data RAID5, RAID6 USB interface Yes Video-card 1 x mini DisplayPort (1 x mini-DP to true HD adapter included) Video card Nvidia Quadro Preloaded \V S oftware DW Spectrum* IPVMS Remote clierts Cross-platform - Windows*, Linux Ubuntu* and Mac* Mobile app Included Reid kit Included Power supply 800W dual power supply** Operating kumperature 41°F-104°F (5°C	MODEL		DW-BJRR2U	
Operating systemWindows*10 IoT LTSCDW-BJRR2UxxTUbuntu* Desktop 20.04 LTSDW-BJRR2UxxTLXWindows Server* 2019 STDDW-BJRR2UxXTSOS on SSD2 x 480GB NVMe SSD (RAIDI)CPU1x Intel* Xeon* Silver processorMemory16GBEthernet Dr2x 1G Ethernet Onboard 4 x 1G Ethernet on Expansion boardSystemMax video storage rate (Mbps)600MbpsMaximum HDD12x 3.5" SATA HDDAmaximum storageMax raw 240TBRAID optionsOS RAID 1, Data RAIDS, RAID6USB interfaceYesVideo-outUtputsVideo cardNividia QuadroPreloaded VS softwareDW Spectrum* IPVMSRemote clirtsCross-platform - Windows*, Linux Ubuntu* and Mac*Mobile appiOS* and Android*Keyboard ard mouseIncludedRail kitIncludedPower supply800W dual power supply**Operating trup rature41°F-104°F (5°C-40°C)Operating trup rature18.97" x 28.4" x 3.41" (482 x 721.62 x 86.8mm)	Included IP licenses		8	
Operating system Ubuntu® Desktop 20.04 LTS DW-BJRR2UxxTLX Windows Server® 2019 STD DW-BJRR2UxxTS OS on SSD 2 x 480GB NVMe SSD (RAIDI) CPU 1x Intel® Xeon® Silver processor Memory 16GB Ethernet on Expansion board 4 x 1G Ethernet Onboard 4 x 1G Ethernet on Expansion board System Max video storage rate (Mbps) 600Mbps Maximum HDD 12x 3.5" SATA HDD Maximum storage Max raw 240TB Maximum storage Max raw 240TB Maximum storage 1 x mini DisplayPort (1 x mini-DP to true HD adapter included) Video-out Video card Nvidia Quadro Preloaded WS software DW Spectrum® IPVMS Remote clierts GOS® and Android® Keyboard Imouse Included Raik it Included Power suply 800W dual power supply** Operating Imperature 41°F-104°F (5°C-40°C) Operating Imperature 81.97" x 28.4" x 3.4" (482 x 721.62 x 86.8mm)	Form factor	r	2U rack mount	
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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 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)		RAID options	OS RAID 1, Data RAID5, RAID6	
Outputs 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)		USB interface	Yes	
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)	Video-out	Outputs		
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Remote clients 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)	Preloaded VMS software		DW Spectrum [®] IPVMS	
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)	Remote clients			
Rail kitIncludedPower supply800W dual power supply**Operating temperature41°F-104°F (5°C-40°C)Operating humidity5-85% RHDimension (WxDxH)18.97" x 28.4" x 3.41" (482 x 721.62 x 86.8mm)	Mobile apps		iOS* and Android*	
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)	Keyboard and mouse		Included	
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Operating humidity 5-85% RH Dimension (WxDxH) 18.97" x 28.4" x 3.41" (482 x 721.62 x 86.8mm)	Power supply		800W dual power supply**	
Dimension (WxDxH) 18.97" x 28.4" x 3.41" (482 x 721.62 x 86.8mm)	Operating temperature		41°F-104°F (5°C-40°C)	
	Operating humidity		5~85% RH	
Other certification UL, FCC, CE, NDAA, TAA	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	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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Jilt for USErs™









:www.digital-watchdog.com

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REV 12/24



Available Models

Windows® 10® OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2U80T	80TB raw, 60TB usable	DW-BJRR2U80T6	80TB raw, 40TB usable
DW-BJRR2U100T	100TB raw, 80TB usable	DW-BJRR2U100T6	100TB raw, 80TB usable
DW-BJRR2U120T	120TB raw, 100TB usable	DW-BJRR2U120T6	120TB raw, 80TB usable
DW-BJRR2U140T	140TB raw, 120TB usable	DW-BJRR2U140T6	140TB raw, 100TB usable
DW-BJRR2U160T	160TB raw, 140TB usable	DW-BJRR2U160T6	160TB raw, 120TB usable
DW-BJRR2U180T	180TB raw, 160TB usable	DW-BJRR2U180T6	180TB raw, 140TB usable
DW-BJRR2U200T	200TB raw, 180TB usable	DW-BJRR2U200T6	200TB raw, 160TB usable
DW-BJRR2U220T	220TB raw, 200TB usable	DW-BJRR2U220T6	220TB raw, 180TB usable
DW-BJRR2U240T	240TB raw, 220TB usable	DW-BJRR2U240T6	240TB raw, 200TB usable

Ubuntu[®] Linux[®] OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2U80TLX	80TB raw, 60TB usable	DW-BJRR2U80T6LX	80TB raw, 40TB usable
DW-BJRR2U100TLX	100TB raw, 80TB usable	DW-BJRR2U100T6LX	100TB raw, 80TB usable
DW-BJRR2U120TLX	120TB raw, 100TB usable	DW-BJRR2U120T6LX	120TB raw, 80TB usable
DW-BJRR2U140TLX	140TB raw, 120TB usable	DW-BJRR2U140T6LX	140TB raw, 100TB usable
DW-BJRR2U160TLX	160TB raw, 140TB usable	DW-BJRR2U160T6LX	160TB raw, 120TB usable
DW-BJRR2U180TLX	180TB raw, 160TB usable	DW-BJRR2U180T6LX	180TB raw, 140TB usable
DW-BJRR2U200TLX	200TB raw, 180TB usable	DW-BJRR2U200T6LX	200TB raw, 160TB usable
DW-BJRR2U220TLX	220TB raw, 200TB usable	DW-BJRR2U220T6LX	220TB raw, 180TB usable
DW-BJRR2U240TLX	240TB raw, 220TB usable	DW-BJRR2U240T6LX	240TB raw, 200TB usable

Windows® Server® OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2U80TS	80TB raw, 60TB usable	DW-BJRR2U80TS6	80TB raw, 40TB usable
DW-BJRR2U100TS	100TB raw, 80TB usable	DW-BJRR2U100TS6	100TB raw, 80TB usable
DW-BJRR2U120TS	120TB raw, 100TB usable	DW-BJRR2U120TS6	120TB raw, 80TB usable
DW-BJRR2U140TS	140TB raw, 120TB usable	DW-BJRR2U140TS6	140TB raw, 100TB usable
DW-BJRR2U160TS	160TB raw, 140TB usable	DW-BJRR2U160TS6	160TB raw, 120TB usable
DW-BJRR2U180TS	180TB raw, 160TB usable	DW-BJRR2U180TS6	180TB raw, 140TB usable
DW-BJRR2U200TS	200TB raw, 180TB usable	DW-BJRR2U200TS6	200TB raw, 160TB usable
DW-BJRR2U220TS	220TB raw, 200TB usable	DW-BJRR2U220TS6	220TB raw, 180TB usable
DW-BJRR2U240TS	240TB raw, 220TB usable	DW-BJRR2U240TS6	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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