

# Blackjack<sup>®</sup> RACK SERVER

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

DW-BJRR2X

**NDAA/TAA**  
COMPLIANT PRODUCT



**260-360TB**



260-360TB Raw Storage

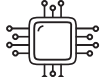
600Mbps Throughput



Windows 10, Server & Linux Ubuntu OS



RAID5, RAID6 Options



Dual Intel Xeon Processors

**5 YEAR**

Warranty

## Summary

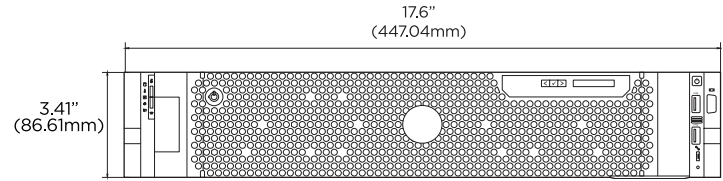
This dual processor Blackjack<sup>®</sup> Rack<sup>™</sup> server is the ultimate solution for recording multiple IP cameras of any resolution at up to 600Mbps throughput. The server is NDAA/TAA compliant, UL listed and includes Windows 10<sup>®</sup> IoT, Windows Server<sup>®</sup> 2019, or Linux<sup>®</sup> Ubuntu<sup>®</sup> OS on a separate mirrored 240GB SSD. The 2U rack-mountable hardware features dual Intel<sup>®</sup> Xeon<sup>®</sup> processors, 32GB memory, up to eight (8) 1GB and 10GB network cards and a dual power supply. The Blackjack Rack server comes preloaded with DW Spectrum<sup>®</sup> IPVMS and eight recording licenses, up to 360TB of raw internal storage with RAID5 and RAID6 options and removable hot-swappable drives. 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 260-360TB 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, 6 options
- Redundant power supply
- 6x 1GB Base-T Ethernet Ports, 2x 10G SFP+ Fiber
- Windows 10 IoT, Linux Ubuntu, Windows Server 2019 OS options on separate SSD
- Dedicated RAID controller
- 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-SPECTRUMLSC004)
- No annual maintenance fees
- 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<sup>\*\*</sup>, keep your hard drive

## Dimensions

Unit: Inch (mm)



## Specifications



| DESCRIPTION            | Blackjack Rack DW-BJRR2XxxT  |  |
|------------------------|--|--|
| Included IP licenses   | 8  |  |
| Form factor            | 2U rack mount  |  |
| Operating system       | Windows 10 IoT Enterprise LTSC   |  |
|                        | Ubuntu Desktop 20.04.5 LTS   |  |
|                        | Windows Server 2019 Standard   |  |
| CPU                    | 2x Intel Xeon Silver processors  |  |
| Memory                 | 32GB (4x 8GB)  |  |
| Ethernet port          | 6x 1GB Base-T Ethernet Ports, 2x 10G SFP+ Fiber, iDRAC9 Enterprise                     |  |
| System                 | Max video storage rate (Mbps)  | 600Mbps  |
|                        | Maximum HDD  | 18x SAS HDDs   |
| Storage                | Maximum storage  | Max raw 360TB  |
|                        | RAID options   | OS RAID 1, Data RAID5, RAID6                                   |
| Video-out              | Outputs  | 3 x mini DisplayPort (1 x mini-DP to true HD adapter included) |
|                        | Video card   | NVIDIA T400 2GB  |
| 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           | 1100W dual power supply*   |  |
| Operating temperature  | 41°F-104°F (5°C-40°C)  |  |
| Operating humidity     | 5-85% RH   |  |
| Dimension (WxDxH)      | 17.6" x 31.9" x 3.41" (447.04 x 810.26 x 86.61mm)                                      |  |
| Other certification    | NDAA, TAA, UL, FCC and CE  |  |
| Warranty               | 5 year warranty with next-day on-site repair <sup>**</sup>                             |  |

Designed and Commissioned in the U.S.A.

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



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## Models:

### Windows 10 IoT:

| Part Numbers  | Available Storage, RAID 5 |
|---------------|---------------------------|
| DW-BJRR2X260T | 240TB                     |
| DW-BJRR2X280T | 260TB                     |
| DW-BJRR2X300T | 280TB                     |
| DW-BJRR2X320T | 300TB                     |
| DW-BJRR2X340T | 320TB                     |
| DW-BJRR2X360T | 340TB                     |

| Part Numbers    | Available Storage, RAID 6 |
|-----------------|---------------------------|
| DW-BJRR2X260TS6 | 220TB                     |
| DW-BJRR2X280TS6 | 240TB                     |
| DW-BJRR2X300TS6 | 260TB                     |
| DW-BJRR2X320TS6 | 280TB                     |
| DW-BJRR2X340TS6 | 300TB                     |
| DW-BJRR2X360TS6 | 320TB                     |

### Windows Server 2019:

| Part Numbers   | Available Storage, RAID 5 |
|----------------|---------------------------|
| DW-BJRR2X260TS | 240TB                     |
| DW-BJRR2X280TS | 260TB                     |
| DW-BJRR2X300TS | 280TB                     |
| DW-BJRR2X320TS | 300TB                     |
| DW-BJRR2X340TS | 320TB                     |
| DW-BJRR2X360TS | 340TB                     |

| Part Numbers    | Available Storage, RAID 6 |
|-----------------|---------------------------|
| DW-BJRR2X260TS6 | 220TB                     |
| DW-BJRR2X280TS6 | 240TB                     |
| DW-BJRR2X300TS6 | 260TB                     |
| DW-BJRR2X320TS6 | 280TB                     |
| DW-BJRR2X340TS6 | 300TB                     |
| DW-BJRR2X360TS6 | 320TB                     |

### Linux Ubuntu:

| Part Numbers    | Available Storage, RAID 5 |
|-----------------|---------------------------|
| DW-BJRR2X260TLX | 240TB                     |
| DW-BJRR2X280TLX | 260TB                     |
| DW-BJRR2X300TLX | 280TB                     |
| DW-BJRR2X320TLX | 300TB                     |
| DW-BJRR2X340TLX | 320TB                     |
| DW-BJRR2X360TLX | 340TB                     |

| Part Numbers     | Available Storage, RAID 6 |
|------------------|---------------------------|
| DW-BJRR2X260TLX6 | 220TB                     |
| DW-BJRR2X280TLX6 | 240TB                     |
| DW-BJRR2X300TLX6 | 260TB                     |
| DW-BJRR2X320TLX6 | 280TB                     |
| DW-BJRR2X340TLX6 | 300TB                     |
| DW-BJRR2X360TLX6 | 320TB                     |

## DW Spectrum<sup>®</sup> 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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