DW-BJE2U / DW-BJER2U
DW-BJER3U / DW-BJER4U
(shown)

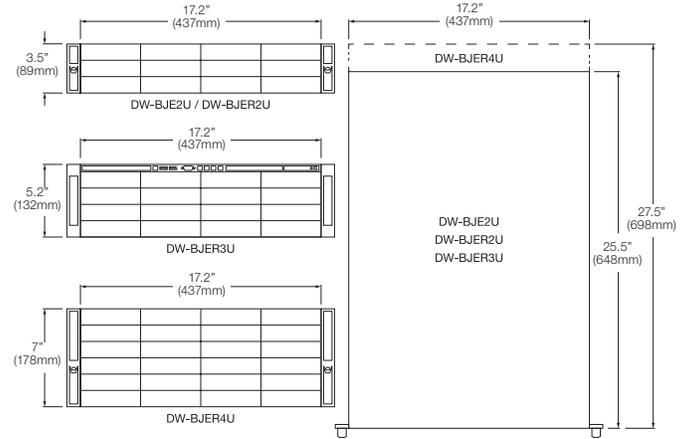| | | | | | | |
|---|---|---|---|---|---|---|
| **30-310TB** 30-310TB Storage | **128** Record up to 128 IP Cameras | RAID | Hot-Swappable HDD | **DW spectrum** IPVMS | **5 YEAR** Limited Warranty | |

## Dimensions
Unit: inch (mm)



## Summary

The Blackjack® E-Rack™ servers can record and manage single- and multi-sensor IP cameras of any resolution, with an equivalent capacity of up to 128 2.1MP cameras at 30fps and a maximum of 600Mbps throughput. The servers offer Windows 10® Pro or Linux® Ubuntu®, RAID 5, Intel® i7® 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® E-Rack™ servers come with two 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSC004).

## Features

- Supports all ONVIF conformant IP cameras
- Storage options 30-310TB RAID 5 internal storage (Option RAID 6)
- Hot spare HDDs
- Data redundancy
- Redundant power supply
- Record and manage single- and multi-sensor IP cameras of any resolution up to 128 2.1MP cameras at 30fps and a maximum of 600Mbps throughput
- Local monitoring outputs ports
- Dual network ports
- Windows 10® Pro or Linux® Ubuntu® 16.04 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® IPVMS 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSC004)
- No annual maintenance fees
- Simple enterprise scalability
- Auto device discovery
- Dual stream recording
- USB output for os recovery
- Rail kit Included
- USB mouse and keyboard included
- 5 years limited warranty

## Specifications

**Onvif**

| PART NUMBER | | 2U -12 Bay | 3U - 16 Bay | 4U -24 Bay | 4U -36 Bay |
|---|---|---|---|---|---|
| Maximum IP cameras | | 128* | | | |
| Included IP licenses | | 8 | | | |
| Form factor | | Rack mount | | | |
| Operating system | Windows® 10 Pro | DW-BJER2UXXT | DW-BJER3UXT | DW-BJER4UXXT | |
| | Linux Ubuntu® | DW-BJER2UXXT-LX | DW-BJER3UXT-LX | DW-BJER4UXXT-LX | |
| CPU | | Intel® i7® processor | | | |
| Memory | | 16GB | | | |
| Ethernet port | | 2x gigabit ethernet (RJ45) | | | |
| | | Options: DW-R4NIC - upgrade quad GB NIC card** | | | |
| System | Max video storage rate (Mbps) | 600Mbps | | | |
| Storage | Maximum Hard Drives | 2 x SSD + 12 x HDD | 2 x SSD + 16 x HDD | 2x SSD + 24 x HDD | 2 x SSD + 34 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** |
| | | Option: DW-HSD10TB - 10TB hot spare drive** | | | |
| Video-out | Outputs | 4x HD display port outputs, simultaneous monitors | | | |
| | Video card | AMD FinePro W4100 | | | |
| | | 4x Mini display port to true HD adapters | | | |
| | Resolution | 1080p | | | |
| Pre-loaded VMS | | DW Spectrum® IPVMS | | | |
| Keyboard & mouse | | Included | | | |
| Rail kit | | Included | | | |
| Power Supply | | Dual 920W***, redundant power supply | | | Dual 1280W***, redundant power supply |
| Operating temperature and humidity | | 41°F~104°F / 20~90% RH | | | |
| Dimension (WxDxH) (inches) | | 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.**