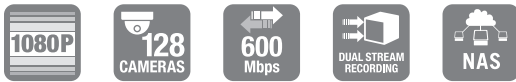




DW-BJE2U  
DW-BJER2U  
DW-BJER3U  
DW-BJER4U (shown)

**DW spectrum™**  
IPVMS 2.3



## Summary

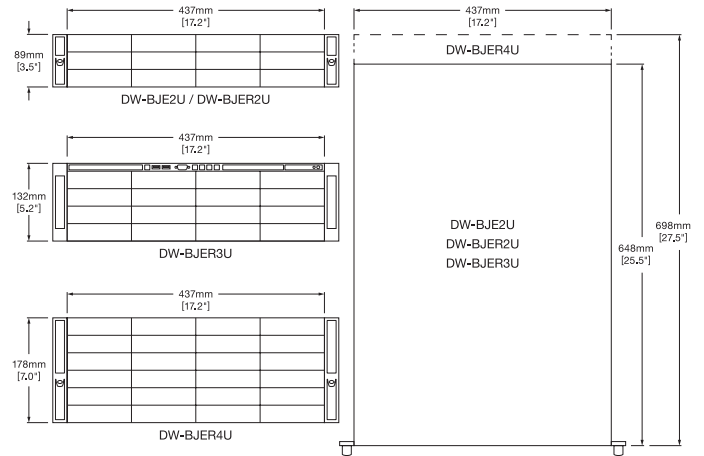
The Blackjack E-RACK™ NVR powered by DW Spectrum™ IPVMS can record and manage up to 128 2.1mp 1080P Cameras at 30fps, with 600 Mbps throughput. The NVR's hardware offers RAID 5, Intel® i7® Processor, 8GB Memory, 1Gbps X2, VGA / HDMI X 2 / DP X 4, with Windows® 7 OS on an SSD card and scheduled auto reboot for hardware performance. The Blackjack™ NVR supports cross platform connectivity for Windows® and Mac® client software, allowing you to monitor and connect to your system from anywhere. The NVR is powered by DW Spectrum™ IPVMS, offering you great features such as Automatic Camera Detection, Fully Customizable Layouts, Easy Drag and Drop Camera Management and Recording, E-Mapping and Advanced Motion Masking and Sensitivity Settings. The Blackjack™ NVR is ONVIF Profile S conformant and is available with 16–144TB HDD for true Enterprise Scalability and come with an unbeatable 5 Year Limited Warranty.

## Features

- Supports All ONVIF Conformant IP Cameras and the VMAX™ DVR Series (Hybrid IP & Analog)
- Storage Options: 4–144TB Internal Storage
- Record up to 128 IP Cameras with Total Throughput of 600Mbps
- Hot-Swappable HDDs
- Data Redundancy RAID-5, Redundant Power Supply (Not Available on BJE2U)
- Local Monitoring Outputs Ports
- Dual Network Ports
- USB & SD Card Interface
- OS Programming Information
- Hosting DW Spectrum™ for Setup, Configuration, Monitoring and Recording
- One-time Recording License Charge, Fully Transferable Between Cameras and Encoders
- No Annual Maintenance Fees
- Simple Enterprise Scalability
- Auto Device Discovery
- Dual Stream Recording

## Dimensions (unit : mm [inch])

**5 YEAR LIMITED WARRANTY**



## Specifications

**ONVIF**

Operating System		Windows® 7 64 Bit on Separate SSD
System	IP Cameras	Max 128 IP Cameras*
	Communication Protocol	ONVIF®
	Max Throughput	600 Mbps
	Recording Speed	1080p: 2840fps
	Screen Mode	Unlimited Layouts
Max. HDD Bay		U2: 8–12 x SATA HDD U3: 16 x SATA HDD U4: 24–36 x SATA HDD
Video-In		IP Megapixel Cameras
Video-Out	Monitor	4x Mini Display Ports
	Resolution	HD 1080p
Recording Resolution		Dual Stream
Recording Modes		Continuous, Motion, Motion + Low Res Always Recording Pre and Post Alarm Recording, Quick Backup
Playback & Search	Speed	x1, x2, x4, x8, x16
	Function	Intelli-Search Time Bar, Smart Motion Search, Calendar Search, Thumbnail Search, Panoramic Search
CPU		Intel® i7® 3rd Generation Processor
Memory		16GB (8x2 Dual Channel)
LAN		2x Gigabit Ethernet (RJ45)
Remote Software		DW Spectrum™ IPVMS Suite
Backup Device		Local Backup by USB, File Upload to NAS
Other Function	Firmware Upgrade	USB, CMS
	Back Up	USB, CMS
	Special Features	RAID 5/50, Redundant Power Supply, Hot-Swap HDD Bays, OS on SSD for Quick Power Up
	Health Check	Server and Camera Health Check with Camera Diagnosis Tool
Power		Dual Power, 2U + 3U: 1000W, 4U: 1280W
Operating Temperature and Humidity (Recommended for installation environment)		10°C – 35°C (50°F – 95°F)
Dimensions		2U: 648mm L x 437mm W x 89mm H (25.5" L x 17.2" W x 3.5" H) 3U: 648mm L x 437mm W x 132mm H (25.5" L x 17.2" W x 5.2" H) 4U: 698mm L x 437mm W x 178mm H (27.5" L x 17.2" W x 7.0" H)
Certification		CE & FCC, RoHS

\*NOTE: Maximum supported IP Cameras must be equal to max throughput information. Specifications subject to change without notice.