HD Video Surveillance Made Easy.™

Blackjack® X-RACK

Servers Powered by DW Spectrum® IPVMS

Blackjack® X-Rack™ plus Blackjack® NAS

DW
Complete Surveillance Solutions™

Blackjack® *X-RACK*

Servers Powered by DW Spectrum® IPVMS

More Cameras.
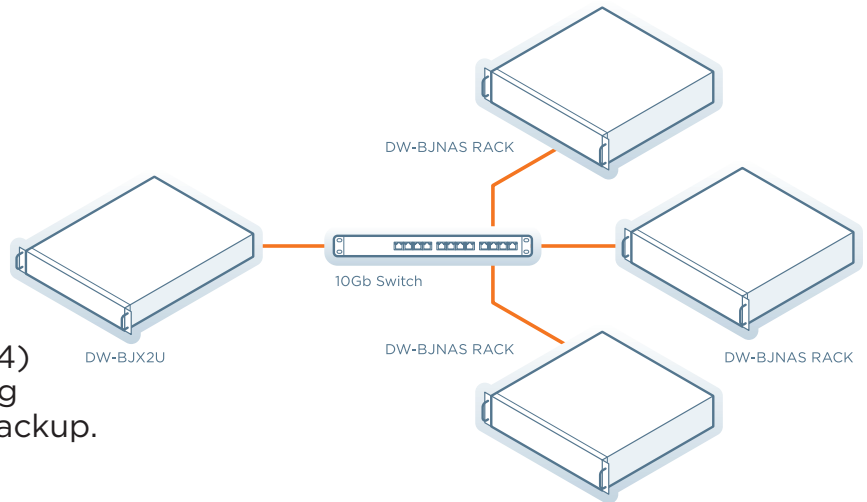## More Recording.
Remote Monitoring.

DW-BJX2U

By moving local storage to a dedicated NAS unit, the Blackjack® X-Rack™ server can outperform any competing model.

Connect to up to 4 Blackjack® NAS devices

Blackjack® X-Rack™ servers are designed to connect up to four (4) Blackjack® NAS devices, providing up to 560TB for recording and backup.

DW-BJNAS RACK

DW-BJX2U

10Gb Switch

DW-BJNAS RACK

DW-BJNAS RACK

Features:

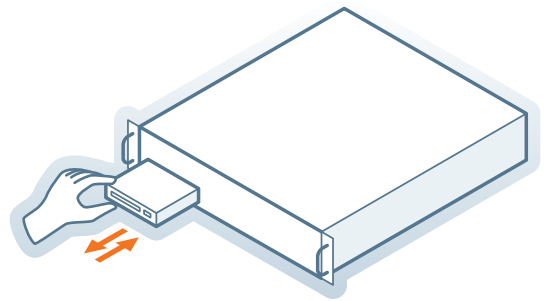| 560TB	200	HD	2x		5YEAR
560TB NAS Storage Options	Manage up to 200 IP Cameras	HD Output	Two NIC Cards	Hot-Swappable SSD	Warranty

- Supports all ONVIF conformant IP cameras
- Storage options with Blackjack® NAS™ Rack with up to 560TB Storage
- OS on hot swappable SSD bays with lock, RAID1
- Redundant power supply
- Record and manage single- and multi-sensor IP cameras of any resolution up to 200 2.1MP cameras at 30fps and a maximum of 1200Mbps throughput
- True HD and DVI local monitoring output ports
- Dual 10GB network ports
- Windows Server 2016® OS on mirrored SSD drives

- USB interface
- Hosting DW Spectrum® IPVMS for setup, configuration, and monitoring
- Two (2) 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSC004), fully transferable between cameras and encoders
- No annual maintenance fees
- Simple enterprise scalability
- Auto device discovery
- Dual stream recording
- Rail kit included
- USB mouse and keyboard included
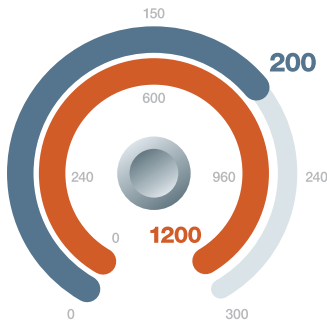- Designed, assembled and tested in the U.S.A.
- 5 year warranty

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ONVIF
* On supported models

Hot-Swappable SSDs

When a drive needs to be replaced, you can easily hot-swap it with a new one, while the system is still running. There is no need to power down and lose important minutes of data to maintain your system's drives healthy and operating.

Max throughput and IP camera support

The Blackjack® X-Rack™ records and manages single- and multi-sensor IP cameras of any resolution up to 200 2.1MP/1080p cameras at 30fps and a maximum of 1200Mbps throughput.
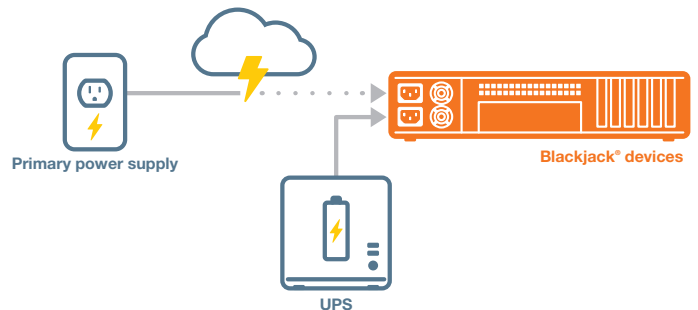
Blackjack X-Rack
200 IP Cameras
1200Mbps Thoroughput

Dual power supply

Dual power supply provides redundancy for network reliability.

Primary power supply

Blackjack® devices

UPS

DW Spectrum® IPVMS

DW Spectrum® IPVMS is an endlessly customizable IP Video Management platform that gives users the ability to create tailored network video solutions for any type of project, from the office or on in the field.

Remote monitoring via Blackjack® Client™

Combine the Blackjack® X-Rack™ with the Blackjack® Client™ appliance for powerful remote monitoring of your system.

* On supported models

2

Specifications:

Description		Specifications
Maximum IP cameras		200 (2.1MP/1080p @30fps, with high recording quality)
Included IP licenses		8
Form factor		2U rack mount
Operating system		Windows Server 2016®
	OS on SSD	2x SSD (RAID1 mirrored), hot-swappable bays with lock
CPU		Intel Xeon® Processor with 8 Cores
Memory		32GB DDR4 ECC
		Option: DW-MEM32GX - 32GB(2x 16GB) memory upgrade Kit*
Ethernet port		2 x 10Gigabit Ethernet (RJ45)**
		Option: DW-R10NIC - secondary 10Gbps RJ45 port*
System	Max video storage rate (Mbps)	1200Mbps**
Storage	Max. DW-BJNAS RACK connection	4 (up to 560TB)
Video-out	Outputs	True HD and DVI output***
	Resolution	HD 1080p
Pre-loaded VMS software		DW Spectrum® IPVMS Server
Remote clients		Cross platform - Windows®, Linux Ubuntu® and Mac®
Mobile apps		iOS® and Android®
Keyboard and mouse		Included
Rail kit		Included (4 post static)
Power supply		Dual 380W Redundant****
Operating temperature (ambient room temperature)		50°F~80°F (10°C~27°C)
Operating humidity		20~60% RH
Dimension (WxDxH)		17.29" x 21.93" x 3.46" (439.3 x 557.1 x 88 mm)
Warranty		5 year

* Available at initial order only
** Require 10Gb network switch
*** Should be used for initial configuration and server management
**** A separate UPS for each power supply is recommended

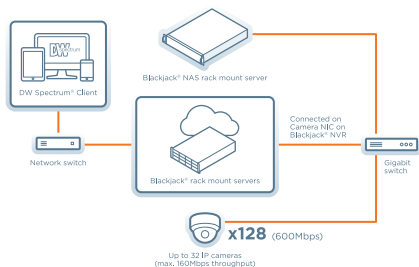# Network Attached Storage

Blackjack® NAS
Network Attached Storage

Blackjack® NAS™ rackmount or desktop models integrate seamlessly into a DW Spectrum® IPVMS system. The desktop models support a MEGApix® CaaS™ system with up to 12 edge camera-servers.
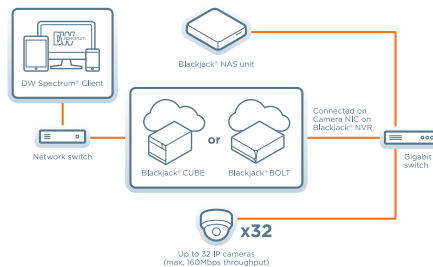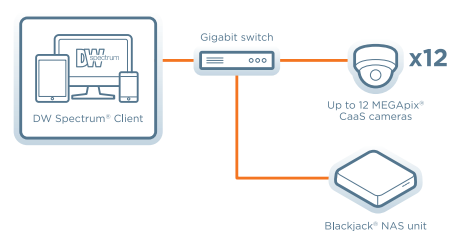
Typical installations:

Typical rackmount NAS install into a Blackjack® network:

DW Spectrum® Client
Blackjack® NAS rack mount server
Network switch
Blackjack® rack mount servers
Connected on Camera NIC on Blackjack® NVR
Gigabit switch
x128 (600Mbps)
Up to 32 IP cameras (max. 160Mbps throughput)

Typical desktop NAS install into a Blackjack® Cube™ / Bolt™ network:

DW Spectrum® Client
Blackjack® NAS unit
Network switch
Blackjack® CUBE   or   Blackjack® BOLT
Connected on Camera NIC on Blackjack® NVR
Gigabit switch
x32
Up to 32 IP cameras (max. 160Mbps throughput)

Typical desktop NAS install into a MEGApix® CaaS™ network:

DW Spectrum® Client
Gigabit switch
x12
Up to 12 MEGApix® CaaS cameras
Blackjack® NAS unit

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