HD Video Surveillance Made Easy.™

Blackjack® NAS

Network Attached Storage

NAS storage solutions for Blackjack® server or MEGApix® CaaS systems.
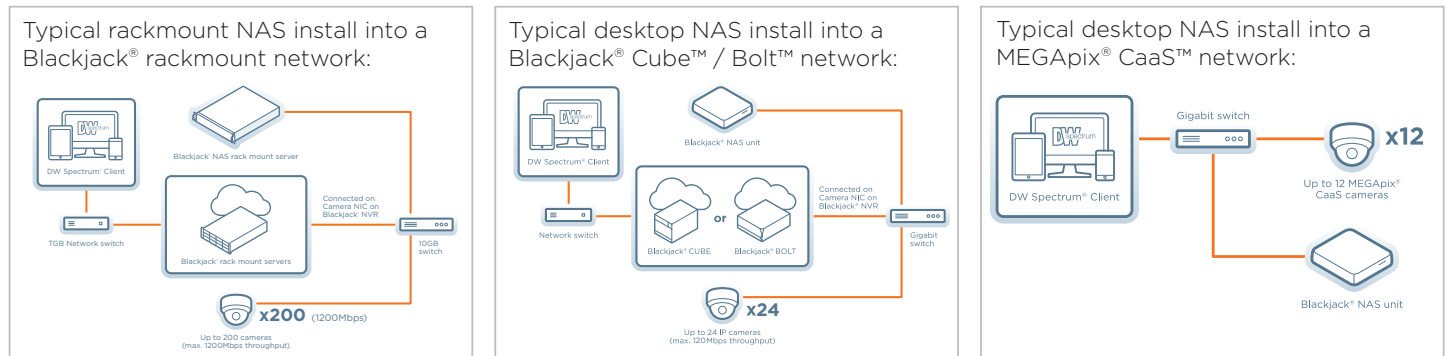
DW

Complete Surveillance Solutions™

Blackjack® NAS

NAS storage solutions for Blackjack® server or MEGApix® CaaS server systems*

Blackjack® NAS™ are high-reliability network attached storage devices for Blackjack® Cube™ and Bolt™ servers or MEGApix® CaaS™ edge cameras. The devices act as recording backup for existing DW Spectrum® IPVMS systems. Models offer 4-20TB storage and optional RAID1. The desktop models can be integrated into a Blackjack® system with up to 120Mbps throughput, or a MEGApix® CaaS™ system with up to 12 edge camera servers.

Blackjack® NAS™ 8 and 16-bay rack mount devices integrate easily into a Blackjack® system with a total of up to 600Mbps throughput, the equivalent of up to 128 2.1MP single-sensor IP cameras. The 2U and 3U rack mount models offer up to 160TB storage and RAID, allowing you to record and backup more days of video without the need for additional video recorders.

The Blackjack® NAS™ integrates seamlessly into a DW Spectrum® IPVMS system, allowing for an instant search and data management and is backed by Digital Watchdog's unbeatable 5 year warranty.

Typical rackmount NAS install into a Blackjack® rackmount network:

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

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

Product Features:

128x Blackjack® System **600Mbps** Max. Throughput Hot-Swappable HDD RAID Dual Power Supply **5YEAR** Warranty

Blackjack® NAS™ desktop models

• Add a NAS station to a Blackjack® Cube™ and Bolt™ server up to 24 cameras to quickly expand local storage and backup up to 120Mbps throughput

• Add a NAS station to a MEGApix® CaaS™ network with up to 12 cameras

• 4-20TB internal storage options

• RAID 1 option available* (DW-BJNASxTR models)

• Linux® embedded OS

• 5 year warranty

Blackjack® NAS™ rackmount models

• Add a NAS station to a Blackjack® server with up to 128 cameras to quickly expand local storage and backup capacity at up to 600Mbps throughput.

• 40TB, 80TB and 160TB internal storage options

• RAID 5

• Proprietary Linux® embedded OS

• Redundant power supply (DW-BJ16NASxTR models)

• Hot swappable drives

• Rail kit included

• 5 year warranty

* On supported models

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Centralize your file storage, sharing and backup with excellent performance.

Blackjack® NAS products offer the ideal supplement for existing systems with optimized network load and continuous archiving. Critical video and audio can be stored for a longer time.

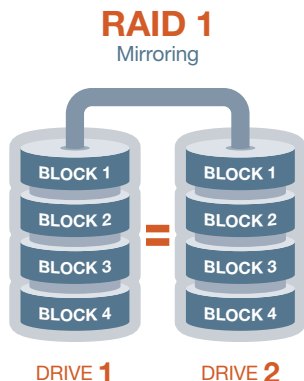## Add and manage recording from DW Spectrum® IPVMS client software

Blackjack® NAS storage devices easily integrate into DW Spectrum® IPVMS software, allowing for simple addition, removal and recording setup all done from the same user-friendly UX of the DW Spectrum® IPVMS client.

Extend storage for existing DW Spectrum® systems, adding more days and more cameras with no additional dedicated server

The Blackjack® NAS offers lower costs and greater flexibility than adding new servers to an existing system. The Blackjack® NAS desktop products can be implemented into a MEGApix® CaaS™ network with up to 12 cameras, or a Blackjack® network with up to 160Mbps, the equivalent of 32 2.1MP cameras. The Blackjack® NAS rack mount products can be implemented into a Blackjack® network with up to 600Mbps, the equivalent of 128 2.1MP cameras.

RAID 1
Mirroring

BLOCK 1 = BLOCK 1
BLOCK 2 = BLOCK 2
BLOCK 3 = BLOCK 3
BLOCK 4 = BLOCK 4

DRIVE **1**   DRIVE **2**

Expandable storage with RAID 1 and RAID 5 options

Add extra security to your video surveillance system by protecting recording data and overcoming data loss in the case of a hard drive failure. Easily activate RAID 5 striping with a single click of the mouse.

Product selection:

PART NUMBERS	DW-BJNASxT	DW-BJNASxTR	DW-BJ8NASxTR	DW-BJ16NASxTR
Operating system	Linux® embedded		Proprietary Linux® embedded	
Form factor	Desktop		19″ rack mount (2U)	19″ rack mount (3U)
Maximum storage capacity	20TB (2 x 10TB)	10TB (2 x 10TB, RAID)	70TB (8 x 10TB, RAID)	140TB (16 x 10TB, RAID)
Max. recording channel	12ch with MEGApix® CaaS™ Max 24 2.1MP cameras with Blackjack® Bolt™ and Blackjack® Cube™		Max 128 2.1MP cameras with Blackjack® X-Rack™, E-Rack™ and P-Rack™	
Max. recording bandwidth	Max. 120Mbps throughput		Max. 600Mbps throughput	
LCD	N/A		RAID status, HDD status, network status (IP info), model info (model name and serial number), firmware info	RAID status, HDD status, network status (IP info), model info (model name and serial number), firmware info
Power consumption	DC 12V, 36W, 3A		Single SMPS 250W 100 ~ 240 VAC; 50/60 Hz, 4.0~1.5A at 100/240VAC	Dual SMPS 520W redundant, hot swappable 100 ~ 240 VAC; 50/60 Hz, 5.8~4A at 100/240VAC
Dimensions (WxDxH)	10.2″ x 11.02″ x 2.1″ (258 x 280 x 53mm)		17.4″ x 3.5″ x 18.0″ (442 x 88 x 458 mm)	17.4″ x 5.2″ x 23.4″ (442 x 133 x 595 mm)
Warranty	5 year			

Complatible Products

MEGApix® CaaS
Camera as a System

- Camera as a System edge solutions
- accessible and manageable remotely via the DW Spectrum® client, apps and the DW Cloud™ webpage.
- No software to buy and install, no license keys and no OS to maintain

Blackjack®
Servers Powered by DW Spectrum® IPVMS

Scalable, enterprise-level servers, powered by DW Spectrum® IPVMS.

* See data sheets for specifications per camera.

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