Complete Scalable Recording Solutions

Blackjack® E-RACK

Servers Powered by DW Spectrum® IPVMS

A complete IP video management system, with hardware and DW Spectrum® IPVMS software optimized for high reliability operation and minimal setup time.

The Blackjack® E-RACK™ servers record and manage up to 128 2.1MP (1080p) cameras at 30fps with 600Mbps throughput. The hardware offers Windows 10® Pro or Linux® Ubuntu® 16.04 OS on separate SSD, RAID 5, Intel® i7® Processor, 16GB Memory, multiple local view options via DP Switch. The E-RACK™ is available with 30-310TB hard drives for true enterprise scalability and includes our 5 year limited warranty.

DWspectrum® IPVMS

Complete Scalable Video Management

DW Spectrum's user interface is dramatically easier for all user levels than any other VMS on the market and is a perfect solution for applications that require ease, speed, efficiency and unprecedented image quality.

Built for Users.™

Manage your system anytime, anywhere.

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

Features:

- Supports All ONVIF Conformant IP Cameras and Encoders
- Storage options 16-204TB Internal Storage
- 4 Port Video Output
- Record up to 128 IP Cameras with a total throughout of 600Mbps
- Hot-Swappable HDDs

- OS on SSD
- Data Redundancy RAID-5, Redundant Power Supply
- Local Monitoring Outputs Ports
- Dual Network Ports
- Windows and Linux OS Options
- 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

ONVIF

* on supported models

DWPIP
Partner Integrator Program

Dedicated to those who sell the complete line of DW® video surveillance solutions.

: 866.446.3595   : sales@dwcc.tv   : www.digital-watchdog.com

DW

Complete Surveillance Solutions™

Blackjack® E-RACK

Servers Powered by DW Spectrum® IPVMS

MODEL		Blackjack E-RACK 2U -12 Bay	Blackjack E-RACK 3U - 16 Bay	Blackjack E-RACK 4U -24 Bay	Blackjack E-RACK 4U -36 Bay
PART NUMBER	Windows model	DW-BJER2UXXT	DW-BJER3UXT	DW-BJER4UXXT	DW-BJER4UXXT
	Linux Ubuntu model	DW-BJER2UXXT-LX	DW-BJER3UXT-LX	DW-BJER4UXXT-LX	DW-BJER4UXXT-LX
Maximum IP cameras		128 (2.1MP/1080p @30fps, with medium recording quality)	128 (2.1MP/1080p @30fps, with medium recording quality)	128 (2.1MP/1080p @30fps, with medium recording quality)	128 (2.1MP/1080p @30fps, with medium recording quality)
Included IP licenses		8	8	8	8
Form factor		Rack mount	Rack mount	Rack mount	Rack mount
Operating system	Windows®10 Pro	DW-BJER2UXXT	DW-BJER3UXT	DW-BJER4UXXT	DW-BJER4UXXT
	Linux Ubuntu® 16.04	DW-BJER2UXXT-LX	DW-BJER3UXT-LX	DW-BJER4UXXT-LX	DW-BJER4UXXT-LX
	OS on SSD	2x 150GB SSD (RAID1 mirrored)	2x 150GB SSD (RAID1 mirrored)	2x 150GB SSD (RAID1 mirrored)	2x 150GB SSD (RAID1 mirrored)
CPU		Intel® i7® processor	Intel® i7® processor	Intel® i7® processor	Intel® i7® processor
Memory		16GB	16GB	16GB	16GB
Ethernet port		2x gigabit ethernet ports (RJ45)	2x gigabit ethernet ports (RJ45)	2x gigabit ethernet ports (RJ45)	2x gigabit ethernet ports (RJ45)
		Option: DW-R2NIC - upgrade dual 1GB NIC card	Option: DW-R2NIC - upgrade dual 1GB NIC card	Option: DW-R2NIC - upgrade dual 1GB NIC card	Option: DW-R2NIC - upgrade dual 1GB NIC card
System	Max video storage rate (Mbps)	600 Mbps	600 Mbps	600 Mbps	600 Mbps
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	120TB RAID 5 (110TB usable storage) Option:RAID 6*	160TB RAID 5 (150TB usable storge) Option:RAID 6*	240TB RAID 5 (230TB usable storage) Option:RAID 6*	320TB RAID 5 (310TB usable storage) Option:RAID 6*
		Option: DW-HSD4TB -4TB hot spare drive*	Option: DW-HSD6TB - 6TB hot spare drive*	Option: DW-HSD6TB - 6TB hot spare drive*	Option: DW-HSD6TB - 6TB hot spare drive*
Video-out	Outputs	4x HD display port outputs, simultaneous monitors	4x HD display port outputs, simultaneous monitors	4x HD display port outputs, simultaneous monitors	4x HD display port outputs, simultaneous monitors
	Video card	AMD FinePro W4100	AMD FinePro W4100	AMD FinePro W4100	AMD FinePro W4100
		4x Mini display port to true HD adapters (included)	4x Mini display port to true HD adapters (included)	4x Mini display port to true HD adapters (included)	4x Mini display port to true HD adapters (included)
	Resolution	HD 1080p	HD 1080p	HD 1080p	HD 1080p
Pre-loaded VMS software		DW Spectrum® IPVMS	DW Spectrum® IPVMS	DW Spectrum® IPVMS	DW Spectrum® IPVMS
Remote clients		Cross platform - Windows®, Linux Ubuntu® and Mac®	Cross platform - Windows®, Linux Ubuntu® and Mac®	Cross platform - Windows®, Linux Ubuntu® and Mac®	Cross platform - Windows®, Linux Ubuntu® and Mac®
Mobile apps		iOS® and Andriod®	iOS® and Andriod®	iOS® and Andriod®	iOS® and Andriod®
Keyboard & mouse		Included	Included	Included	Included
Rail kit		Included	Included	Included	Included
Power supply		Dual 920W**, redundant power supply	Dual 920W**, redundant power supply	Dual 920W**, redundant power supply	Dual 1280W**, redundant power supply
Operating temperature and humidity		41°F~104°F (5°C~40°C)	41°F~104°F (5°C~40°C)	41°F~104°F (5°C~40°C)	41°F~104°F (5°C~40°C)
Operating humidity		20~90% RH	20~90% RH	20~90% RH	20~90% RH
Dimension (WxDxH)		17.2" x 25.5" x 3.5" (436.8 x 647.7 x 88.9 mm)	17.2" x 25.5" x 5.25" (436.8 x 647.7 x 133.35 mm)	17.2" x 25.5" x 7" (436.8 x 647.7 x 177.8 mm)	17.2" x 25.5" x 7" (436.8 x 647.7 x 177.8 mm)
Field repair kit		DW-FRK2U	DW-FRK3U	DW-FRK4U	N/A
Warranty		5 year limited	5 year limited	5 year limited	5 year limited

* Available at time of initial order only / ** UPS Recommened