

Complete Scalable Recording Solutions

Blackjack® P-RACK

Servers Powered by DW Spectrum® IPVMS

A complete IP video management system with hardware and VMS software optimized for high reliability operation and minimal setup time.



Blackjack® P-RACK™ servers powered by DW Spectrum® IPVMS support up to 128 2.1MP IP cameras with up to 600 Mbps throughput. Standard features include Intel® i7®, Windows 10® or Linux® Ubuntu® 16.04 OS on separate SSD, RAID and 2x NIC cards. Blackjack® P-RACK™ servers can be configured with 30-70TB HDD and come with our 5 year limited warranty.



Manage your system anytime, anywhere.

DW spectrum® 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.™

Features:

- Supports all ONVIF conformant IP cameras
- Storage options 30-70TB internal storage options
- Data redundancy (DW-BJPR2UxT models)
- Record and manage single- and multi-sensor IP cameras of any resolution up to maximum 600Mbps throughput (equivalent to 128 2.1MP/1080p cameras at 30fps)
- True HD and DVI

30-70TB
Storage

128
Record up to
128 IP Cameras

HD
Output

2x
Two NIC Cards

DW spectrum
IPVMS

5 YEAR
Limited Warranty

- Dual network ports
- Windows 10® or Linux® Ubuntu® 16.04 OS on separate SSD
- USB interface
- Hosting DW Spectrum® for setup, configuration, monitoring and recording
- One-time recording license charge, fully transferable between cameras and encoders
- One (1) 4-channel licenses included (DW-SPECTRUMLSC004).
- 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 Years limited warranty

ONVIF

* on supported models

DW PIP
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[®] P-RACK

Servers Powered by DW Spectrum[®] IPVMS

Product Comparison Chart



MODEL		Blackjack P-RACK 1U	Blackjack P-RACK 2U	Blackjack P-RACK 2U w/RAID
PART NUMBER	Windows model	DW-BJP1UXT	DW-BJP2UXT	DW-BJPR2UXXT
	Linux Ubuntu model	DW-BJP1UXT-LX	DW-BJP2UXT-LX	DW-BJPR2UXXT-LX
Maximum IP cameras		64 (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		4	4	4
Form factor		Rack mount	Rack mount	Rack mount
Operating system	Windows [®] 10 64 bit	DW-BJP1UXT	DW-BJP2UXT	DW-BJPR2UXXT
	Linux Ubuntu [®] IoT	DW-BJP1UXT-LX	N/A	N/A
	Linux Ubuntu [®] Pro	N/A	DW-BJP2UXT-LX	DW-BJPR2UXXT-LX
	OS on SSD	150GB SSD	150GB SSD	150GB SSD (RAID1 mirrored) Option: DW-SSD80 – second SSD for mirroring the OS *
CPU		Intel [®] i5 [®] processor Option: DW-CPUi7 - upgrade processor to i7*	Intel [®] i7 [®] processor	Intel [®] i7 [®] processor
Memory		16GB	16GB	16GB
Ethernet port		2x gigabit ethernet ports (RJ45) Option: DW-RME8 - upgrade memory to 16GB*	2x gigabit ethernet ports (RJ45) Option: DW-R2NIC - upgrade dual 1GB NIC card OR DW-R4NIC - upgrade quad 1GB NIC card *	2x gigabit ethernet ports (RJ45) Option: DW-R2NIC - upgrade dual 1GB NIC card OR DW-R4NIC - upgrade quad 1GB NIC card *
System	Max video storage rate (Mbps)	360 Mbps	600 Mbps	600 Mbps
Storage	Maximum hard drives	1 x SSD + 3 x HDD	1 x SSD + 7 x HDD	6 x SATA HDD
	Maximum storage	30TB	70TB	70TB RAID 5 (60TB usable storage)
Video-out	Outputs	True HD output or VGA or DVI	True HD output or VGA or DVI	True HD output or VGA or DVI
	Video card	GeForce 210 512MB	GeForce 210 512MB	GeForce 210 512MB
		Option: DW-RV4H - 4 head HD video card*	Option: DW-RV4H - 4 head HD video card*	Option: DW-RV4H - 4 head HD video card*
Resolution	HD 1080p	HD 1080p	HD 1080p	
Pre-loaded VMS software		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 [®]
Mobile apps		iOS [®] and Andriod [®]	iOS [®] and Andriod [®]	iOS [®] and Andriod [®]
Keyboard & mouse		Included	Included	Included
Rail kit		Included	Included	Included
Power supply		300W**	400W**	400W**
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)
Operating humidity		20~90% RH	20~90% RH	20~90% RH
Dimension (WxDxH)		17.25" x 26.5" x 1.75" (438.15 x 673.1 x 44.45 mm)	17.32" x 26" x 3.5" (439.9 x 660.4 x 88.9 mm)	17.32" x 26" x 19" (439.9 x 660.4 x 482.6 mm)
Warranty		5 year limited	5 year limited	5 year limited

* Specifications are subject to change without notice.