
Blackjack[®] Ai[™]



Blackjack[®] Ai[™] servers powered
by DW Spectrum[®] and IVA[™]



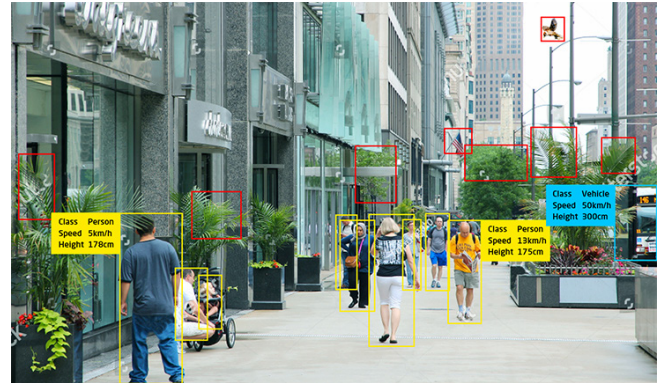
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Servers Powered by DW Spectrum and IVA Ai Server

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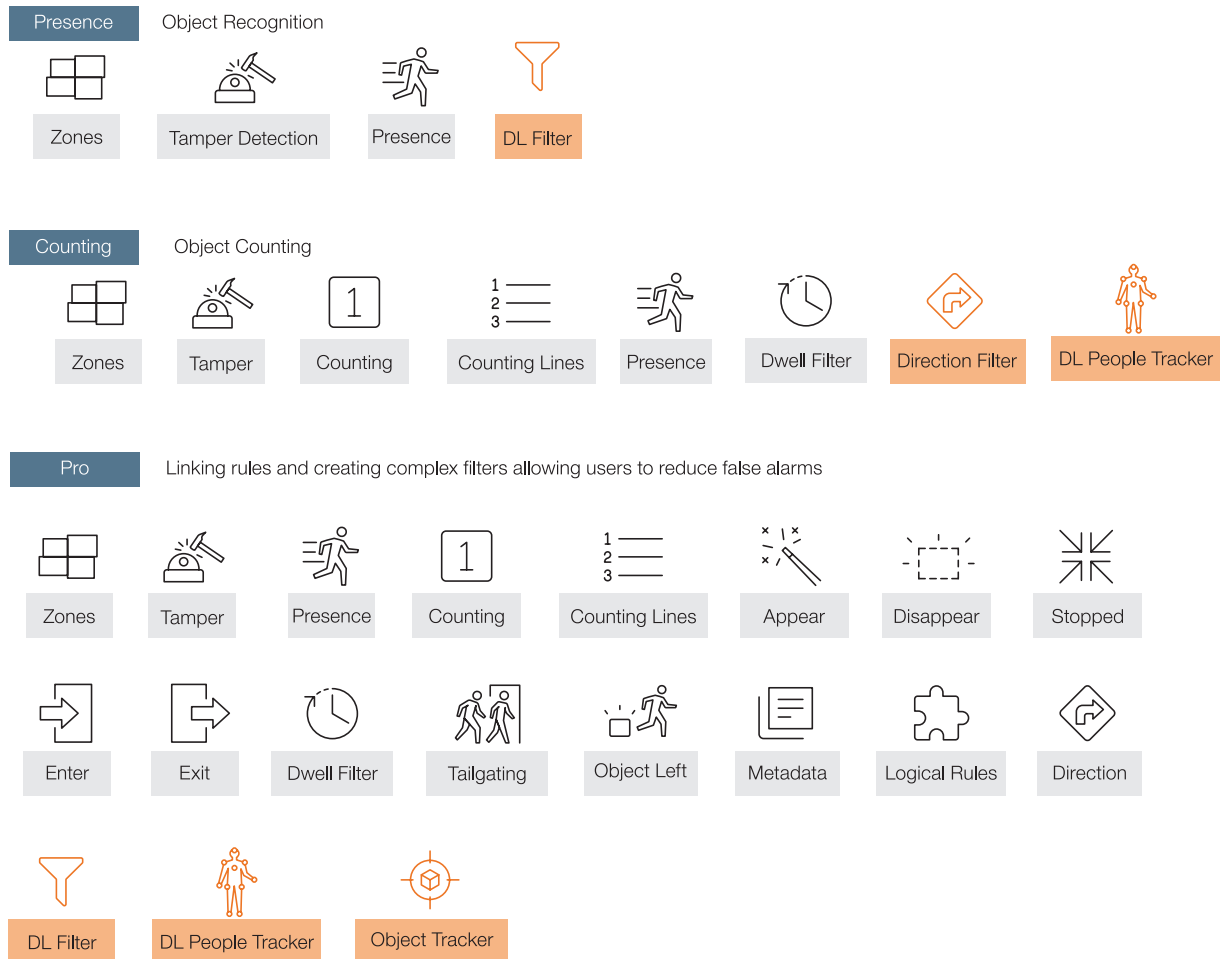
Blackjack[®] Ai[™] Artificial Intelligence Network Video Recorder (Ai NVR) is a purpose-built solution, with built-in server-side analytics that unlock advanced Ai capabilities on any connected video stream. This cost-effective, plug-and-play appliance, powered by DW Spectrum[®] IPVMS, combines high-performance recording with video analytics in an easy-to-deploy, turnkey solution.

Add the power of advanced neural-network-based analytics to your video streams with Ai NVR.



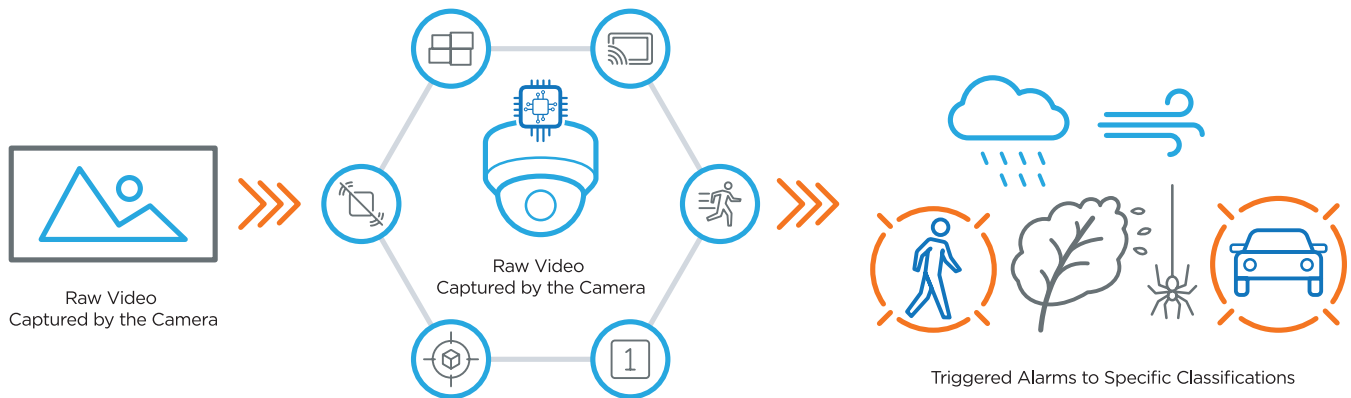
IVA Engine Built-In

Blackjack Ai servers include all the Intelligent Video Analytics and advanced Video Content Analysis detection capabilities of the IVA and IVA+ engine. In addition, Ai servers empower users with deep learning object and people tracking and color filters.



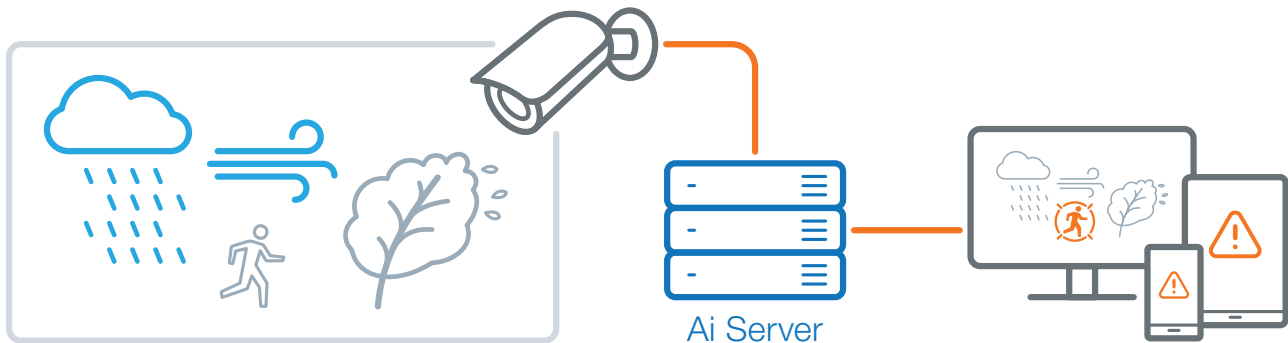
Logic Rules

Blackjack Ai servers combine multiple zones and virtual tripwires to create elaborate, multiple trigger points rules for a greater event detection level.



Server-Side Analytics for Any Video Stream

Bring server-side classified object detection to any video stream in your system.



All-in-One Device

Achieve lower deployment cost with a single device that performs as an NVR and an Analytics server.



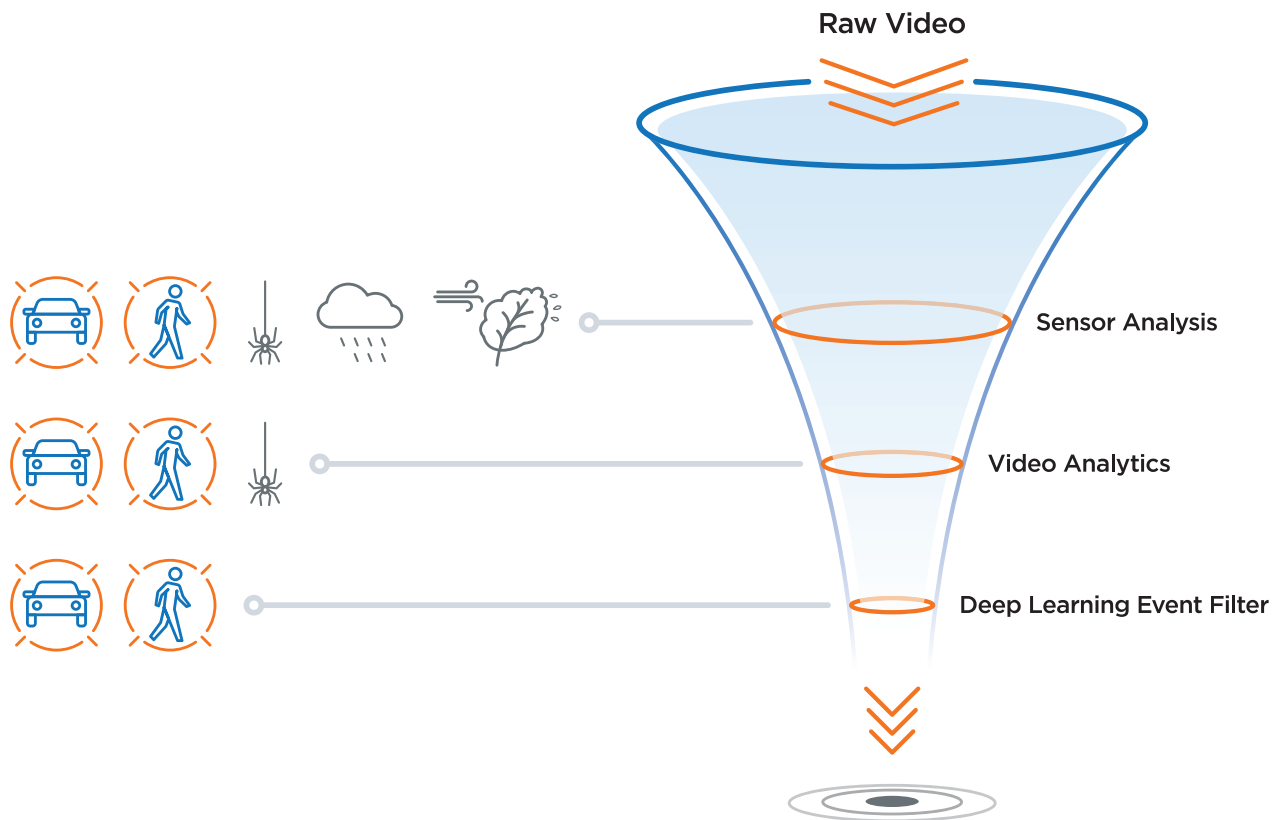
Blackjack® Ai™ Server

IVA™ Analytics Engine

DW Spectrum® IPVMS

Deep Learning

Blackjack Ai server-side intelligent algorithms offer deep learning with better object classification and identification of environmental elements. The result is a substantial reduction in false alarms for control room operators and security personnel. Allowing only valid events to filter through Blackjack Ai servers increases efficiency, productivity, and reduces unnecessary costs.



Remote Notifications

Receive real-time alerts based on video and analytical rules on any mobile device.



Seamless Integration with DW Spectrum IPVMS

Blackjack Ai server-side analytics are seamlessly integrated with DW Spectrum IPVMS for easy configuration, real-time alerts and automatic notifications.



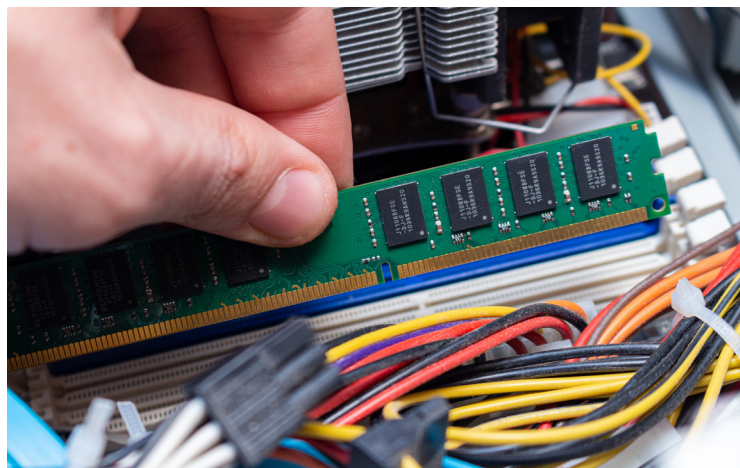
Smart Storage Management

Manage your recording storage smarter by fine-tuning events and alarms to be recorded. Combining IVA analytics, logic rules and non-detection zones, users can create conditions unique to their environment people and objects must trigger to activate an alarm.



Designed and Commissioned in the U.S.A

All DW recorders, workstations and NAS devices are designed, assembled and inspected in our California facility. Each product undergoes multiple levels of quality control to guarantee the highest quality and performance.





USB Mouse and Keyboard Included

Blackjack® servers come with a USB mouse and keyboard included at no extra cost.



Railkit Included

All Blackjack® rackmount servers come with the rail kits included at no extra cost for easy out-of-the-box installation.

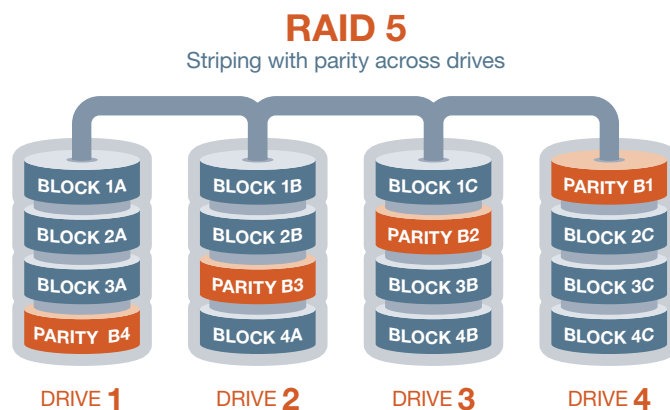
OS on Dedicated SSD

DW's servers provide a dedicated SSD for the OS. This results in faster boot time, faster application loading times and improved system responsiveness.



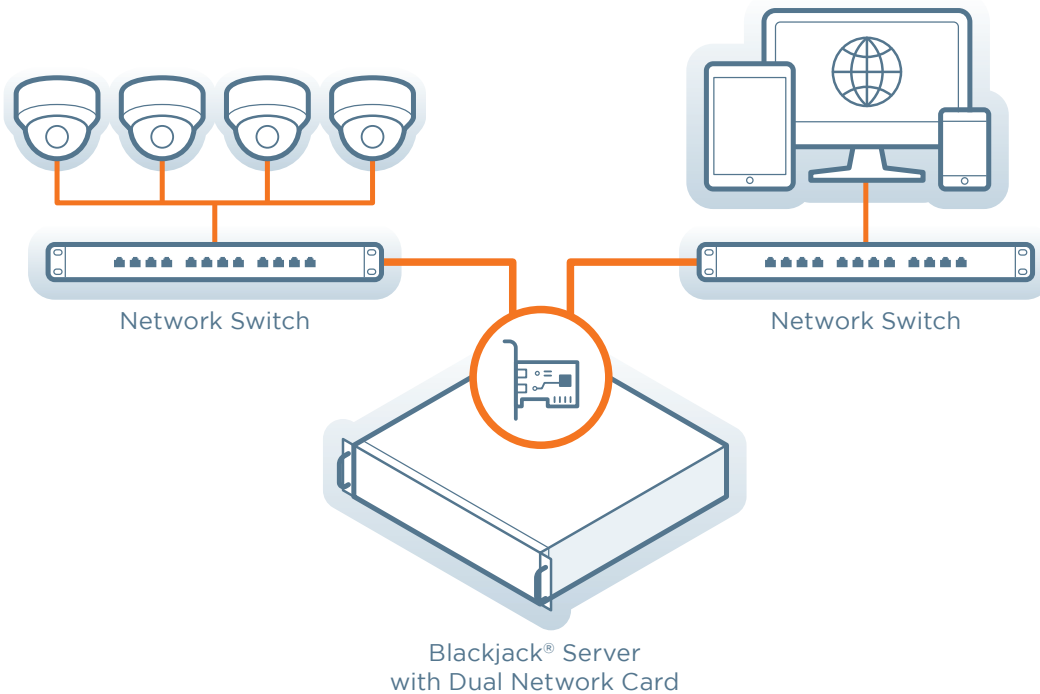
RAID Storage Mirroring*

Add extra security to your video surveillance system by protecting recorded data and overcoming data loss in the case of a hard drive failure.






Dual Network Cards

Optimize network bandwidth by utilizing dual network ports, to build a separate network for the surveillance system and keep that traffic off the main network, reserved for the NVR's communication.



High-Performance Hardware

By providing quick deployment and easy setup Blackjack Ai servers combine high-performance recording with video analytics in an easy-to-deploy turnkey solution.

			
Model	Blackjack Ai P-Rack™ 2U - 12 Bay	Blackjack Ai Full-Size Tower™, RAID	Blackjack Ai Mid-Size Tower™
Included DW Spectrum IP licenses	4	4	4
Included IVA Ai Licenses	4	4	4
Form Factor	2U rackmount	Full-size tower	Mid-size tower
Max video Storage Rate (Mbps)	600Mbps	600Mbps	480Mbps
Max # of analytic streams (secondary)	Up to 64	Up to 64	Up to 64
Storage	192TB raw storage	112TB raw storage	48TB
Certifications	ONVIF, NDAA/TAA	ONVIF, NDAA/TAA	ONVIF, NDAA/TAA
Warranty	5 year limited	5 year limited	5 year limited

All-in-One NVR and Analytics Appliance

NDAA/TAA Compliant

DW® IP cameras, analog cameras, NVRs, DVRs, network devices and management software sold and distributed worldwide are designed and developed in U.S.A. and Korea. Manufactured in Korea.

Most DW® products qualify for GSA Schedule Contracts and other government opportunities because they are NDAA/TAA compliant.



Trade
Agreements
Act FAR 52.225-5

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