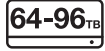


# Blackjack Ai P-RACK™

Servers Powered by DW Spectrum and IVA Ai Server

All-in-One NVR and Analytics Appliance,  
Powered by DW Spectrum and IVA Server

DW-BJAiPxxTR



64-96TB Storage



600Mbps Throughput



AI Server



RAID



IPVMS



Limited Warranty

## Summary

Blackjack® Ai P-Rack™ Artificial Intelligence Network Video Recorder (Ai NVR) is a purpose-built server, with built-in server-side analytics that unlock advanced Ai capabilities on any connected video stream via our IVA Ai Server software. This cost-effective, plug-and-play appliance combines high-performance recording with video analytics in an easy-to-deploy, turnkey solution. The NDAA and TAA compliant server features up to 600Mbps throughput, 64 analytics streams and comes preloaded with DW Spectrum® IPVMS, with four complimentary recording licenses. Add the power of advanced neural-network-based analytics to your video streams with a Blackjack Ai NVR, backed by our 5 year limited warranty.

## Features

- Hosting Intelligent Video Analytics (IVA) Ai software deep learning and color filter
- Server-side analytics for non-analytic cameras
- Deep learning classifiers and logical rules engine
- A single device for NVR and Analytics server for lower deployment cost
- Record and manage single- and multi-sensor IP cameras of any resolution up to 600Mbps throughput
- Up to 64 analytic streams
- Supports all ONVIF conformant IP cameras
- 64-96TB raw internal storage with RAID5
- RAID5
- 12th Gen Intel® Core™ i7 processor
- True HD and Display Port local outputs for system configuration
- Dual network ports
- Windows 10® on SSD
- Hosting DW Spectrum® for setup, configuration, monitoring and recording
- One (1) 4-channel license included (DW-SPECTRUMLS004)
- One (1) 4-channel IVA Ai license included (DW-IVAAiSERVERLS004)
- No annual maintenance fees
- Dual stream recording
- Rail kit included
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- NDAA/TAA compliant
- 5 year limited warranty



## Accessories



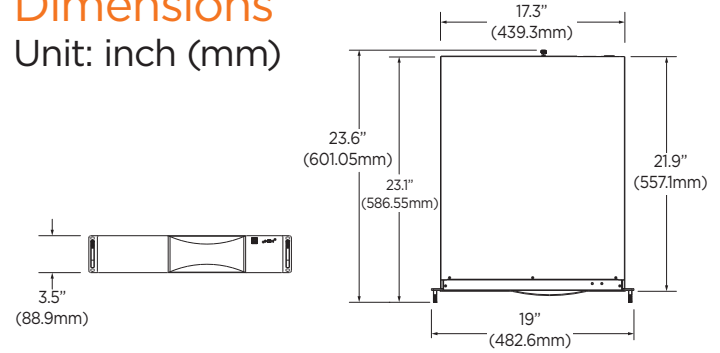
DW-BJMTC5204T,  
DW-BJMTC7404T  
Blackjack® Monitoring Workstation



DW-BJC2P  
Blackjack® C2P Workstation

## Dimensions

Unit: inch (mm)



## Specifications

|  |   |   |
|--|---|---|
| PART NUMBER                            | DW-BJAiPxxTR                                      |   |
| Included DW Spectrum IP licenses       | 4 (DW-SPECTRUMLS004)                              |   |
| Included IVA Ai licenses               | 4 (DW-IVAAiSERVERLS004)                           |   |
| Form factor                            | 2U Rackmount                                      |   |
| Operating system                       | Windows® 10                                       | DW-BJAiPxxTR  |
|  | OS on SSD   | 480GB SSD   |
| CPU                                    | 12th Gen Intel® Core™ i7 processor                |   |
| Memory                                 | 32GB  |   |
| Ethernet port                          | 2x gigabit Ethernet ports (RJ45)                  |   |
| System                                 | Max video storage rate (Mbps)                     | 600 Mbps  |
|  | Max # of analytic streams (secondary)             | Up to 64  |
|  | Maximum HDD                                       | 6 x SATA HDD  |
|  | Storage options                                   | 64TB, 80TB, 96TB (Raw storage size)   |
| Video-out                              | USB interface                                     | Yes   |
|  | Outputs   | 1xTrue HD, 3x Display Port, for system configuration. Maximum 1 display output at a time. |
|  | Graphics card                                     | NVIDIA RTX A2000 12GB   |
| Pre-loaded VMS software                | DW Spectrum® IPVMS                                |   |
| DW Spectrum client supported OS        | Cross-platform - Windows®, Linux Ubuntu® and Mac® |   |
| Pre-loaded analytic software           | DW IVA Ai server                                  |   |
| IVA Ai Configuration tool supported OS | Cross-platform - Windows® and Linux Ubuntu®       |   |
| Mobile apps                            | iOS® and Android®                                 |   |
| Keyboard and mouse                     | Included  |   |
| Rail kit                               | Included  |   |
| Power supply                           | 500W**  |   |
| Operating temperature (room)           | 41°F-104°F (5°C-40°C)                             |   |
| Operating humidity                     | 20-90% RH   |   |
| Dimension (WxDxH)                      | 17.3" x 21.9" x 3.5" (439.3 x 557.1 x 88.9 mm)    |   |
| Other certification                    | NDAA, TAA   |   |
| Warranty                               | 5 year limited                                    |   |

\* UPS Recommended.

Designed and Commissioned in the U.S.A.

## Available Models

- DW-BJAiP64TR - RAID5, 48TB available storage
- DW-BJAiP80TR - RAID5, 64TB available storage
- DW-BJAiP96TR - RAID5, 80TB available storage



Increase sales and profitability. Sign up and become a DW Channel Partner today!



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