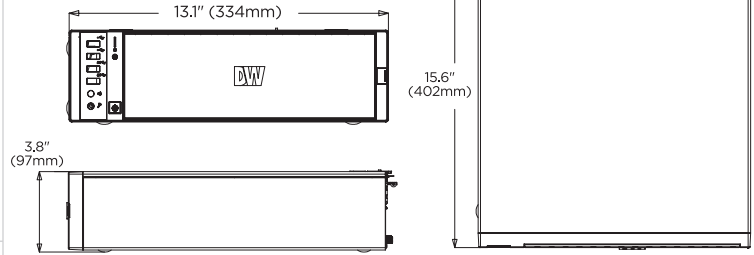


NDAA/TAA
COMPLIANT PRODUCT



Dimensions

Unit: inch (mm)



Summary

Blackjack DX servers are reliable and high-performance solutions for viewing, monitoring and recording multiple IP cameras of any resolution at up to 80Mbps throughput. The servers are NDAA and TAA compliant and include Linux Ubuntu OS. Hardware features include an Intel processor, dual network cards and local outputs for setup and configuration. The servers come preloaded with DW Spectrum and four complimentary recording licenses, provide up to 4TB internal storage, and come with a 5-year limited warranty.

Features

- Supports all ONVIF conformant IP cameras
- 2-4TB internal storage options
- Record and manage single- and multi-sensor IP cameras of any resolution up to 80Mbps throughput
- Intel processor
- True HD, DVI-D and D-Sub local outputs for local set up
- Dual network ports
- Linux Ubuntu OS
- Hosting DW Spectrum for setup, configuration, monitoring and recording
- One-time recording license charge, fully transferable between cameras and encoders
- One (1) 4-channel license included (DW-SPECTRUMLSC004).
- Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
- Dual stream recording
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- NDAA/TAA compliant
- 5 Years limited warranty

Specifications

PART NUMBER		DW-BJDX11XT-LX
Included IP licenses		4 (1x DW-SPECTRUMLSC004) Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
Operating system		Ubuntu 22.04 LTS
CPU		Intel Processor
Memory		8GB
Ethernet port		2x 1G Ethernet ports (RJ45)
System	Max video storage rate (Mbps)	80 Mbps
Storage	Maximum HDD	2 x SATA HDD
	Maximum storage	DW-DX1VSTK48: 4TB DW-DX1VSTK24: 2TB
Video-out	Outputs	1x true HD, 1x DisplayPort, 1x D-Sub for system configuration. Maximum 1 display output at a time.
	Video card	Onboard Intel HD Graphics
	Resolution	True HD: 4K @60Hz, DisplayPort: 4K @60Hz, D-Sub: 1920x1280 @60Hz
Preloaded VMS software		DW Spectrum Server
Remote clients		Cross-platform - Windows, Linux Ubuntu and Mac
Mobile apps		iOS and Android
Keyboard and mouse		Included
Power supply		300W**
Operating temperature		41°F-104°F (5°C-40°C)
Operating humidity		20-90% RH
Dimension (WxDxH)		Desktop 3.88" x 13.1" x 15.8" (98.5 x 334 x 402 mm) Standing 13.1" x 3.88" x 15.8" (334 x 98.5 x 402 mm)
Other certification		NDAA, TAA
Warranty		5 year limited

** UPS Recommended.

Designed and Commissioned in the U.S.A.

Available models continued on page 2.



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Summary

These MEGApix IP cameras are NDAA compliant and deliver crystal-clear images at 4MP resolution and real-time 30fps. The IP67-rated turret camera features a 2.8mm fixed lens and line crossing, perimeter intrusion and video tampering intelligent detection.

Features

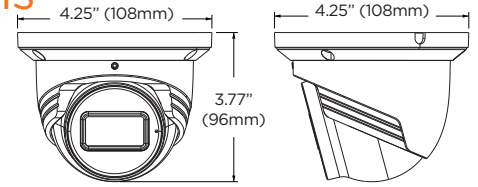
- 4MP 1/3" image sensor at real-time 30fps
- 2.8mm fixed lens
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 100' Smart IR with intelligent camera sync for clear B/W images with no need for external light
- Line crossing and perimeter intrusion video analytics
- Video tampering with scene-change, video-blur and abnormal color detection video analytics.
- Smart DNR 3D digital noise reduction reduces noise and ghosting for motion in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Backlight compensation (BLC)
- Built-in microphone and audio input for direct communication between the monitoring station and the camera's location
- Local SD card slot for local recording in case of network loss
- Web server built-in for easy camera management from any browser
- PoE and DC12V for single cable simplified installation
- NDAA compliant for federal and government projects
- IP67-rated camera housing built to last
- 5 year warranty

Mounting accessories (Optional)



Dimensions

Unit: Inch (mm)



Specifications

IMAGE	
Image sensor	4MP 1/3" CMOS
Total pixels	2560 x 1440
Minimum scene illumination	0.005 lux (color), 0.0 lux (B/W)
S/N ratio	50dB
LENS	
Focal length	2.8mm, F1.6
Lens type	Fixed lens
Field of View (FoV)	HFoV: 94° VFoV: 50°
IR distance	100ft range
I/O	
Audio in / out	1 audio input and 1 microphone built-in
Audio compression	G.711A / U
OPERATIONAL	
Shutter mode	Auto, manual
Shutter speed	1/2s - 1/1000000s
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W), schedule
3D DNR	Smart DNR 3D digital noise reduction
Wide dynamic range (WDR)	True WDR, 120dB
Privacy zone	8 programmable privacy masks
Video analytics	Line crossing, perimeter intrusion, video tampering detection (scene change, video blur, abnormal color)
Backlight compensation (BLC)	Yes
Mirror and flip	Yes
Alarm notifications	Notifications via email or FTP server
Memory slot	Micro SD, SDHC, SDXC up to 256GB (card not Included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.265, H.264, MJPEG
Resolution	4MP, 3MP, 2.1MP/1080P, 720P, D1, 480x240, CIF (60Hz: 1 - 30fps; 50Hz: 1-25fps)
Frame rate	Up to 30fps at all resolutions
Video bitrate	64 Kbps - 8 Mbps
Bitrate control	Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions. Maximum three (3) connections/streams at a time
IP	IPv4, IPv6
IK rating	IK10-rated housing, IK03-rated glass cover
Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
Security	IP filtering, MAC filtering, authentication (ID/PW), SSL/TSL
ONVIF conformance	Yes
OS	Windows®, Mac® OS, Linux®
Web viewer	Browser: Microsoft Edge, IE, Google Chrome, Mozilla Firefox
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-22°F - 140°F (-30°C - 60°C)
Operating humidity	0-95% RH (non-condensing)
IP rating	IP67-rated
Other certifications	FCC, CE, ROHS, ONVIF, NDAA
ELECTRICAL	
Power requirement	DC 12V, PoE (Adapter not included)
Power consumption	<5W
MECHANICAL	
Material	Metal turret housing
Dimensions	4.25" x 3.77" (108 x 96 mm)
Weight	1.01 lb (0.46 kg)
Warranty	5 year warranty

