



DIGITAL WATCHDOG Blackjack DX Server Intel I3 Processor User Guide

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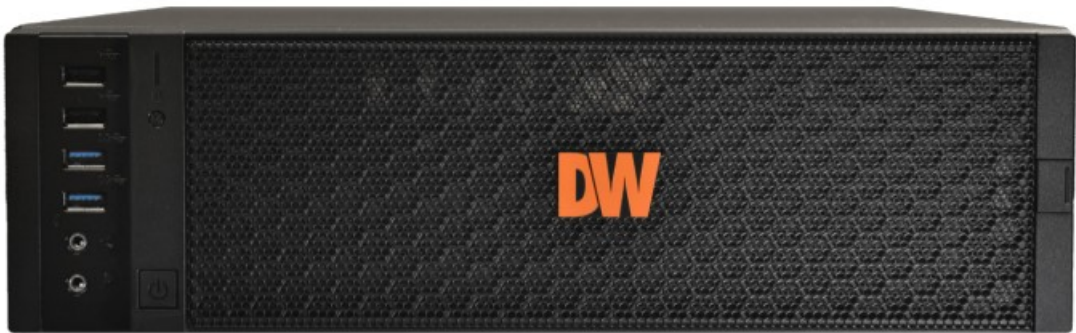


PoE Servers Powered by DW Spectrum

State of the art hyper-optimized video management platform designed for ease, speed and efficiency.

Blackjack® DX™ slim desktop servers — Up to 480Mbps

DW-BJDX31xxT	DW-BJDX51xxT	DW-BJDX71xxT
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Default Login Information for DW Spectrum® IPVMS

Username: admin
Password: admin12345

Default login information for the server's OS

Username: **dwuser**

Password: **admin12345**

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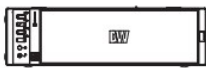



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WHAT'S IN THE BOX

WHAT'S IN THE BOX					
Blackjack DX™ server		1	Keyboard and mouse		1 set
Quick start guide		1	Power cable		1

NOTE: Download all your support materials and tools in one place.

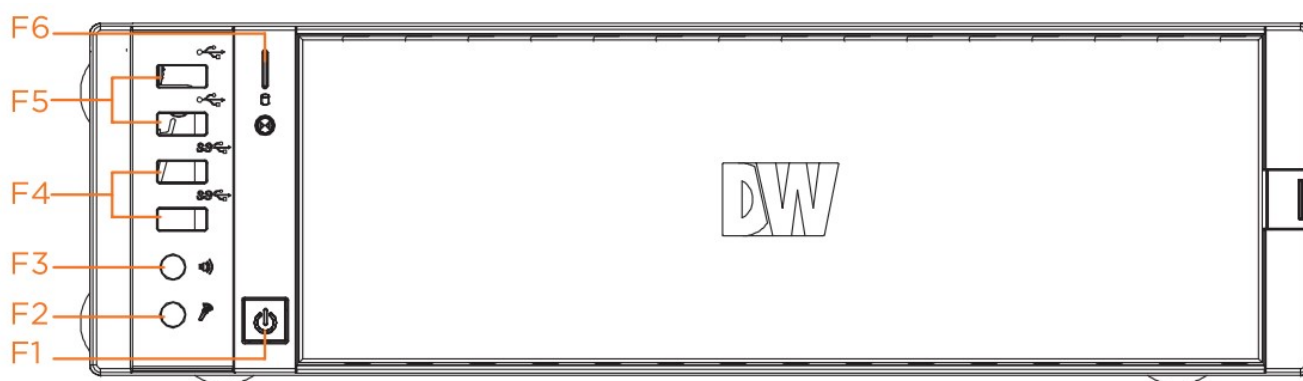
1. Go to: <http://www.digital-watchdog.com/support-download/>.
2. Search your product by entering the part number in the 'Search by Product' search bar. Results for applicable part numbers will populate automatically based on the part number you enter.
3. Click 'Search'. All supported materials, including manuals, Quick start guides (QSG), software and firmware will appear in the results

Attention: This document is intended to serve as a quick reference for initial setup. See the DW Spectrum® full manual for more information on features and functionality.

Tel: +1 (866) 446-3595 / (813) 888-9555

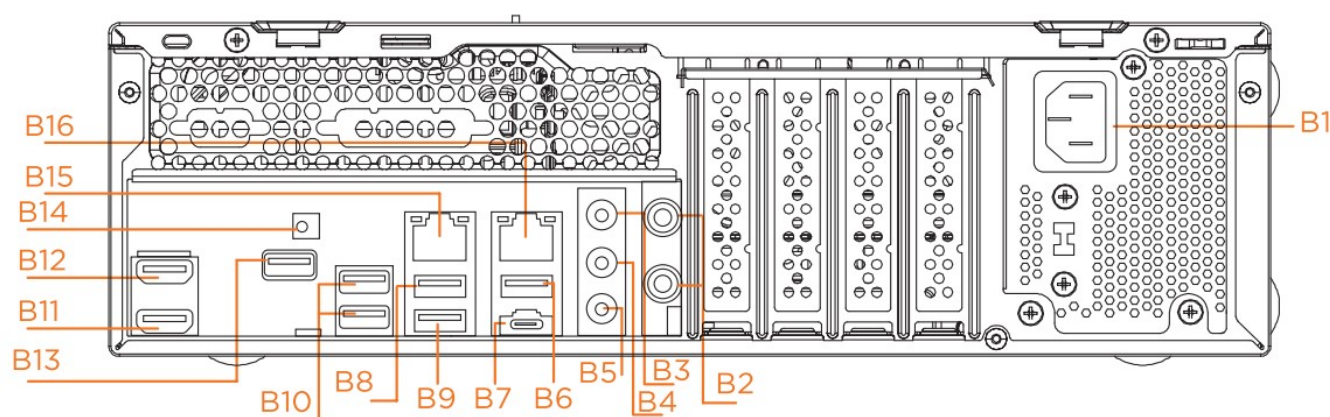
Technical Support Hours: 9:00AM – 8:00PM EST, Monday through Friday | digital-watchdog.com

BLACKJACK® DX™ SLIM DESKTOP – Front Panel



- F1** Power Button/Power LED
- F2** Mic in (3.5mm)
- F3** Audio out (3.5mm)
- F4** 2x USB 3.0 ports
- F5** 2x USB 2.0 ports
- F6** HDD Activity LED

BLACKJACK® DX™ SLIM DESKTOP -Rear Panel



B1 Power port	B7 USB 3.2 Gen2x2 Type-C port	B13 USB 2.0 port
B2 Antenna ports (not used)	B8 USB 2.0 port	B14 BIOS flashback button
B3 Microphone (pink)	B9 USB 3.2 Gen2 port	B15 1G LAN RJ45 Port
B4 Line in (light blue)	B10 2x USB 2.0 ports	B16 2.5G LAN RJ45 port
B5 Front speaker (lime)	B11 True HD video output	
B6 USB 3.2 Gen2 Type-A port	B12 DisplayPort 1.4 video output	

Default Login Information for DW Spectrum® IPVMS

Username: admin
Password: admin12345

Default login information for the server's OS

Username: dwuser
Password: admin12345

Specifications

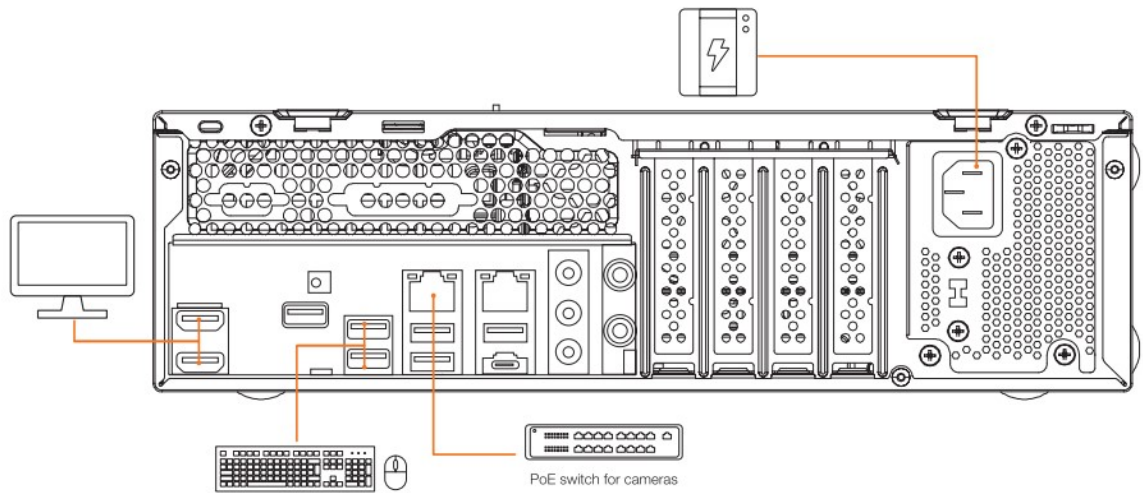
PART NUMBER		DW-BJDX31xxT (HW Rev. C)	DW-BJDX51xxT (HW Rev. C)	DW-BJDX71xxT
Included IP licenses		4	4	4
Form factor		Slim Desktop	Slim Desktop	Slim Desktop
Operating system	Windows® 10	DW-BJDX31XXT	DW-BJDX51XXT	DW-BJDX71XXT
	Linux Ubuntu®	DW-BJDX31XXT-LX	DW-BJDX51XXT-LX	---
	OS on SSD	m.2 SSD	m.2 SSD	m.2 SSD
CPU		Intel® i3 processor	Intel® i5 processor	Intel® i7 processor
Memory		8GB	16GB	16GB
Ethernet port		1x 1G Ethernet, 1x 2.5G Ethernet		
System	Max video storage rate (Mbps)	180 Mbps	360 Mbps	480 Mbps
Storage	Maximum HDD	2 x 3.5 SATA HDD	2 x 3.5 SATA HDD	2 x 3.5 SATA HDD
	Maximum storage	20TB	20TB	20TB
	RAID options	---	---	---
	USB interface	Yes	Yes	Yes
Video-out	Outputs	1x true HD, 1x DP for system configuration. Maximum 1 display output at a time.		
	Video card	Onboard Intel HD Graphics		
	Resolution	True HD: 4096x2160@60Hz , DP: 7680x4320@60Hz / 5120x3200@120Hz		
Pre-loaded VMS software		DW Spectrum® IPVMS Server		
Remote clients		Cross-platform - Windows®, Linux Ubuntu® and Mac®		
Mobile apps		iOS® and Android®		
Keyboard and mouse		Included		
Power supply		300W**	300W**	300W**
Operating temperature		41°F-104°F (5°C-40°C)		
Operating humidity		20-90% RH		
Dimension (WxDxH)		13.1" x 3.8" x 15.6" (334 x 97 x 402 mm)		
Other certification		FCC, CE, RoHS, NDAA, TAA		
Warranty		5 year limited	5 year limited	5 year limited

Setting UP the Server

STEP 1:

Connect external devices, power and network.

1. Connect a monitor, USB keyboard, USB mouse and network cable to one of the Ethernet ports (B15 on the diagram). Configure the camera's network first, then configure the server's local network.



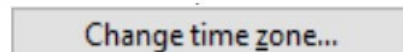
2. Connect the server to an appropriate power source. A UPS system is recommended. 600VA or higher is recommended (per PSU).
3. Connecting the power cable to a live power source may turn on the server automatically. If the server does not turn on automatically, press the power button on the front of the server (F1 on the diagram).

STEP 2: Configure date and time Windows®



1. Double-click on the date and time icon on the desktop.

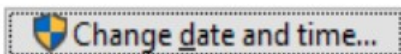
2. Change time zone if it is not correct



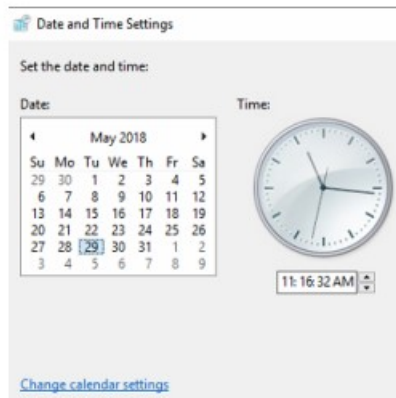
(default is UTC-08:00 Pacific Time).



3. . Press OK after selecting the correct time zone.
4. Click “Change date and time...” to update the date and time if they are not correct.



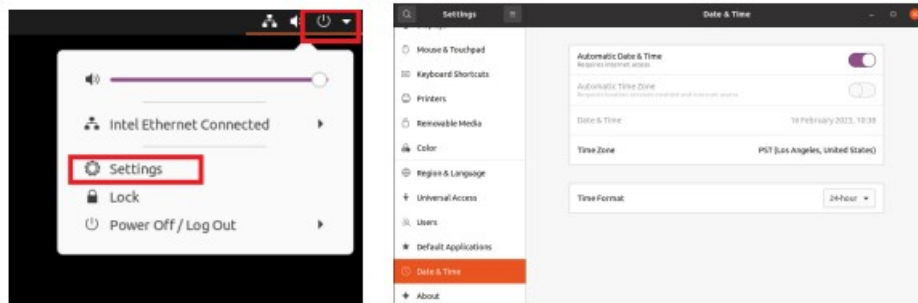
Verify the time zone before updating the date and time. Time may show 2 or 3 hours off due to an incorrect time zone.



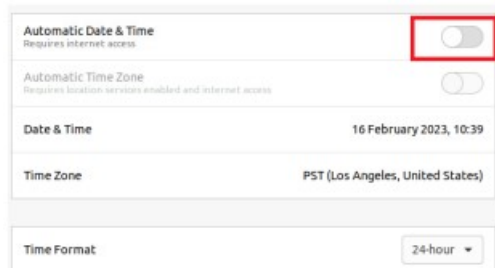
5. Press OK after adjusting to the correct date and/or time. Press OK to close the date and time when done.

Linux®

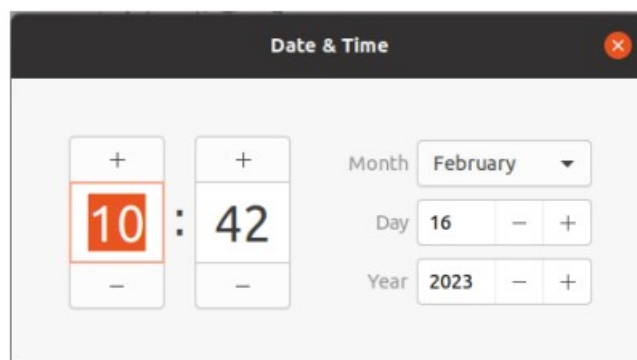
1. Open Settings.
2. Click Details.
3. Click Date & Time



4. Turn OFF Automatic Date & Time and Automatic Time Zone.



5. Click Date & Time and set correct date and time.



6. Click Time Zone and set to correct Time zone. (Type one of the largest cities in the time zone).



7. Close Settings.

Step 3

Configure network

Please have the following information ready before starting the network configuration.

	Camera network	Local network (LAN)
IP address		
Subnet mask / Netmask		
Default gateway / Gateway	Not applicable	
DNS servers	Not applicable	

* The camera network and local network cannot be on the same network.

NOTE The Blackjack® server's network settings are set to DHCP as default.

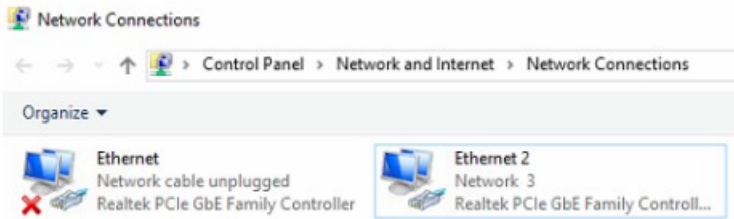
NOTE If you are not sure what information to enter, contact your Network Administrator or Internet Service Provider for the information.

Windows®

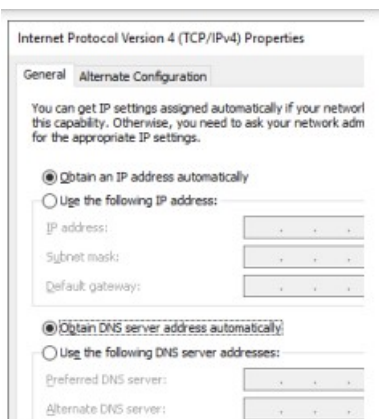
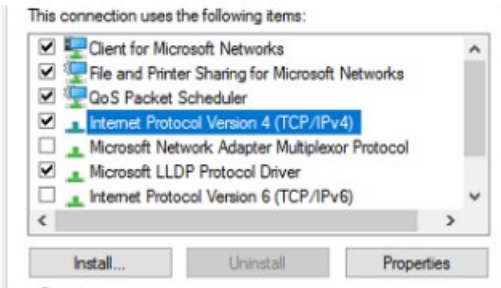
1. Double click on the "Network Connections" on the desktop.



2. Right-click on "Ethernet with cable connected" and click "Properties".

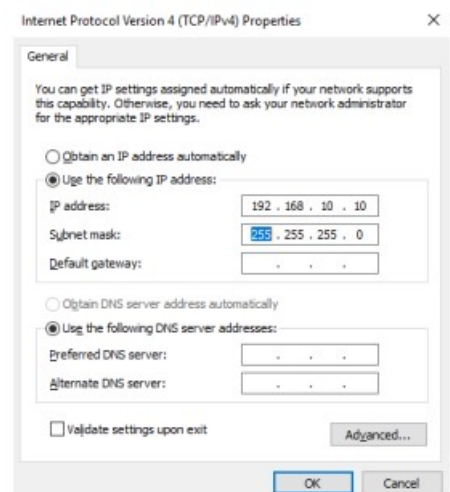


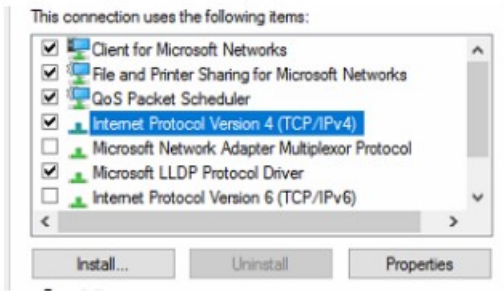
3. Select "Internet Protocol Version 4 (TCP/IPv4)" and click "Properties".



4. Select "Use the following IP address" (Use the following DNS server addresses will be selected automatically).

5. Enter the IP address and Subnet mask of the camera network. (Do not enter anything for the default gateway, preferred DNS server and alternate DNS server.
6. Click OK to close then click close to go back to network connections.
7. Right-click on the other Ethernet, the one with network cable unplugged, and click "Properties".
8. Select "Internet Protocol Version 4 (TCP/IPv4)" and click "Properties"

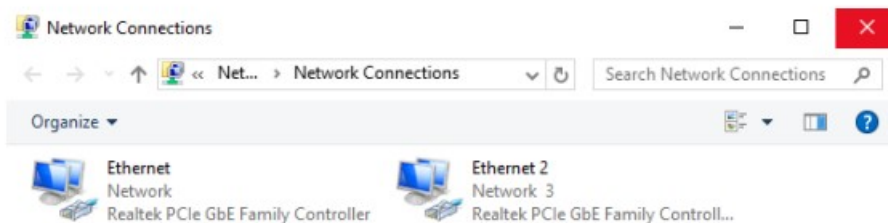


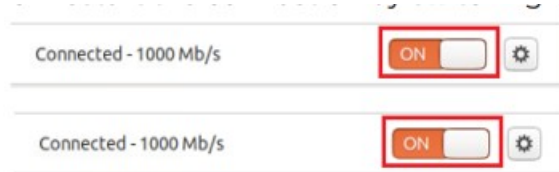
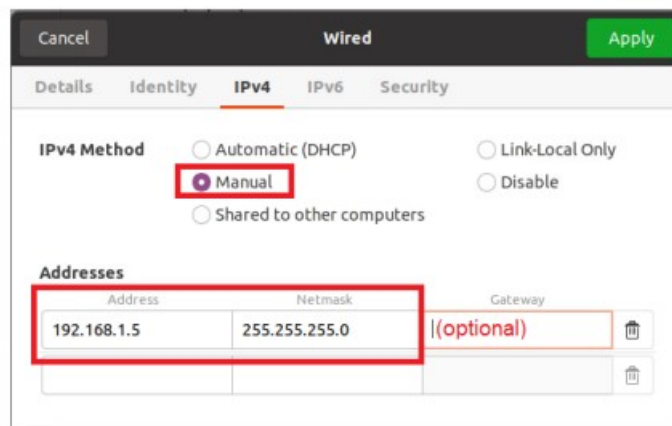
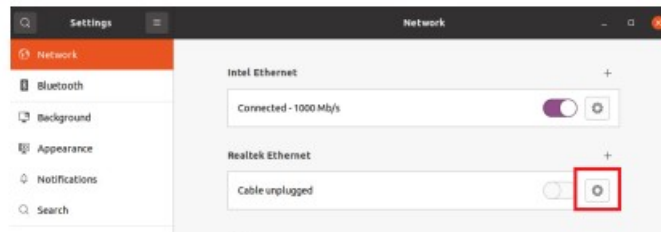
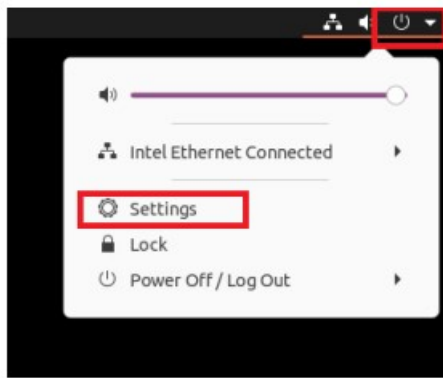


9. Select "Use the following IP address" (Use the following DNS server addresses will be selected automatically).
10. Enter IP address and subnet mask of the camera network.



11. Click OK to close then click close to go back to network connections.
12. Connect a network cable to the Ethernet port B2 (1.5G) and B7 (2.5G) on the diagram (page 2) to the switch on the local network.
13. Close the network connections dialog.





Linux OS

LINUX-BASED SOFTWARE LAUNCH

OPTION 1: Double-click the DW Spectrum® desktop icon.



OPTION 2: Go to the dashboard on the top left side. Search 'DW'. Click the DW icon.



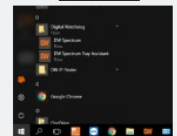
Windows

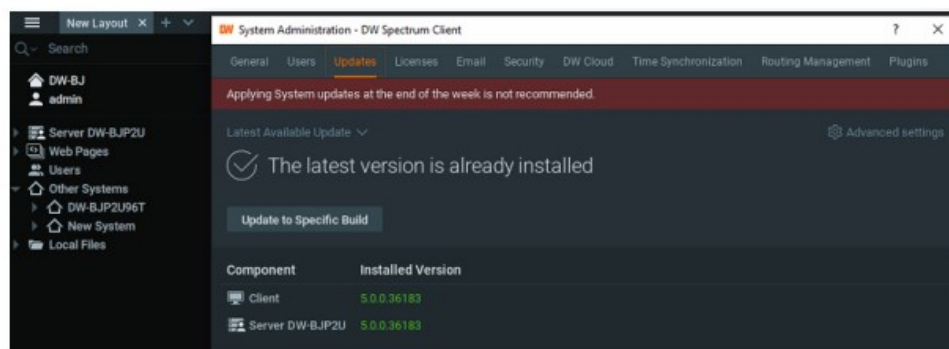
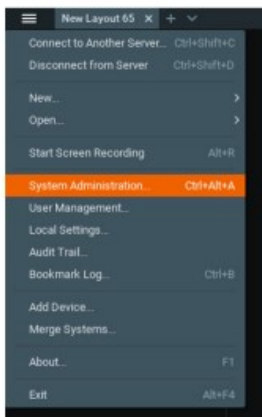
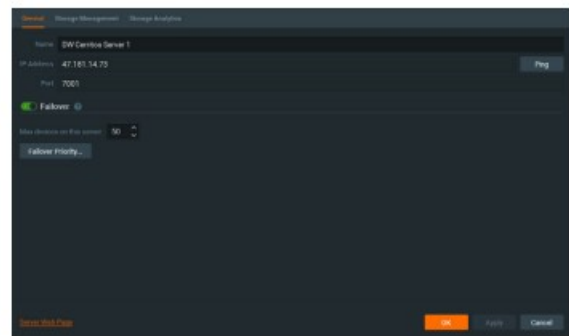
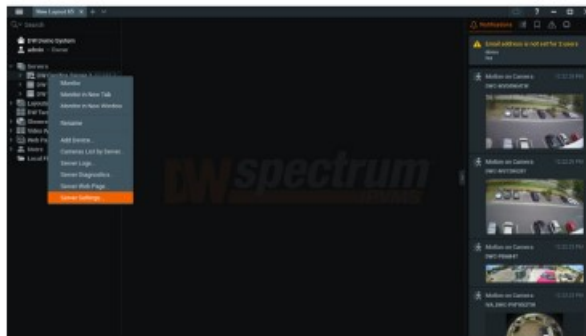
WINDOWS-BASED SOFTWARE LAUNCH

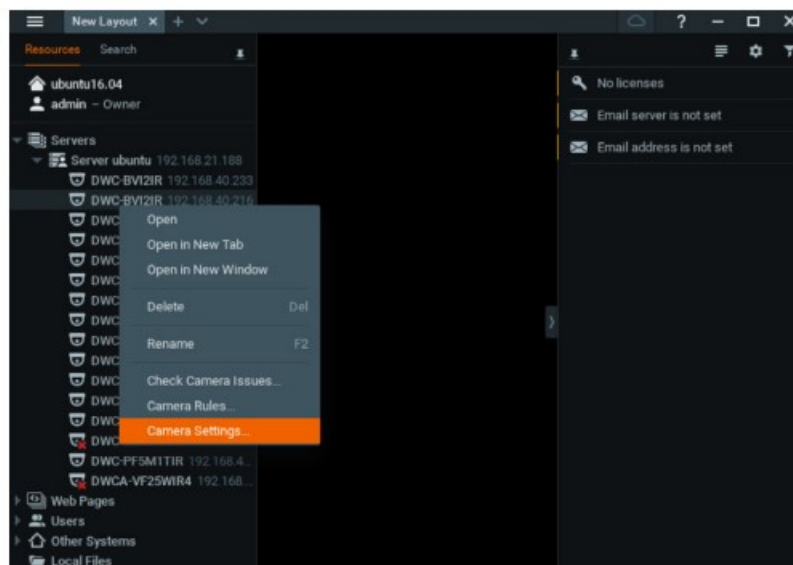
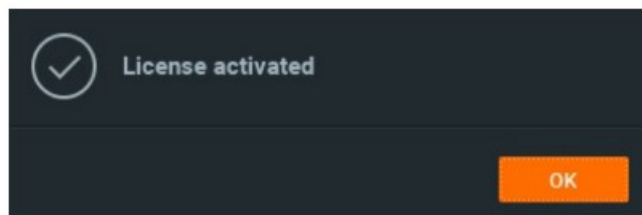
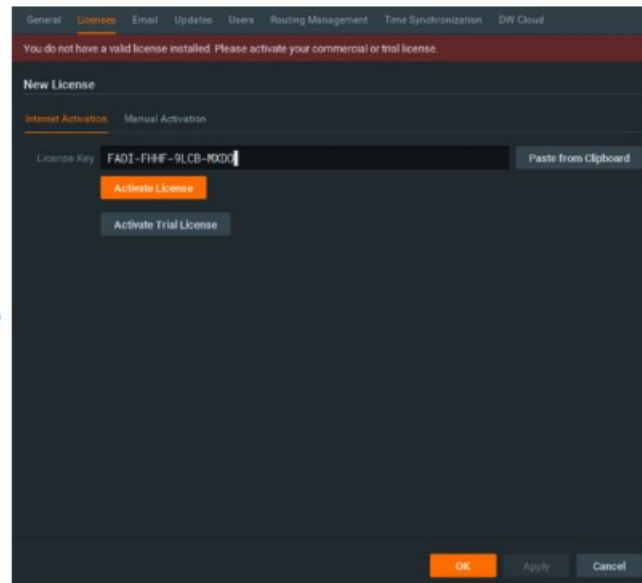
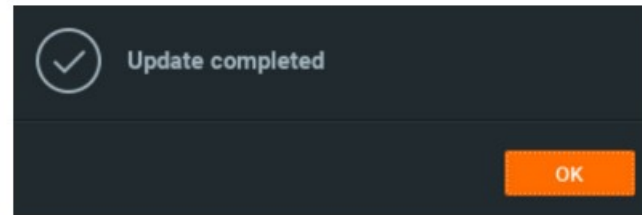
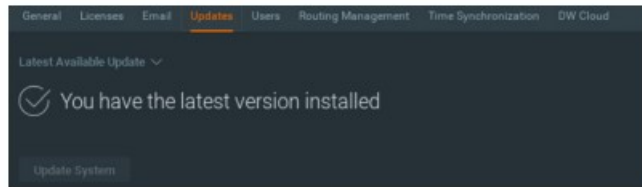
OPTION 1: Double-click the DW Spectrum® desktop icon.

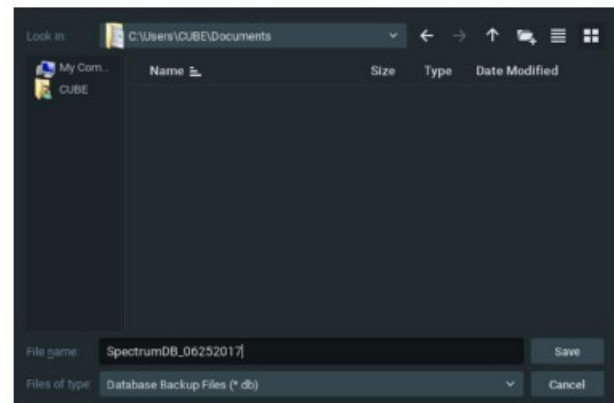
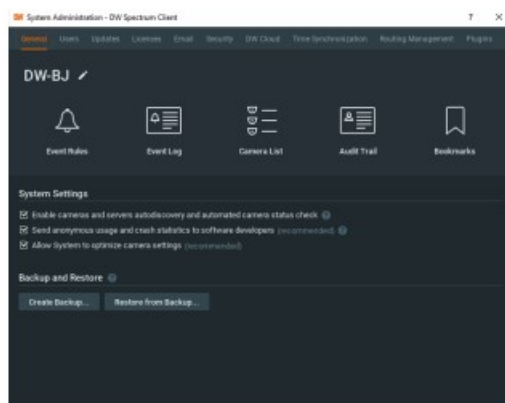
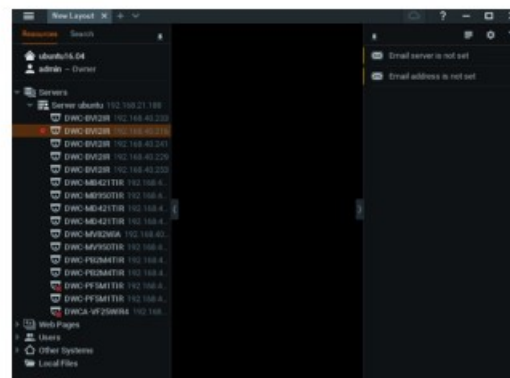
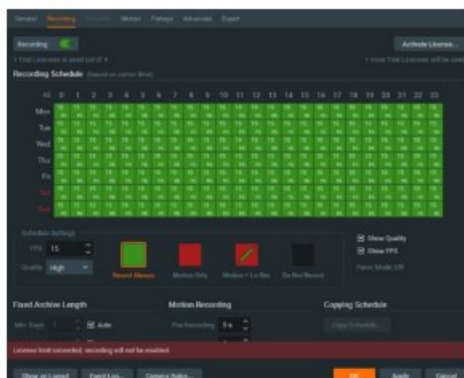
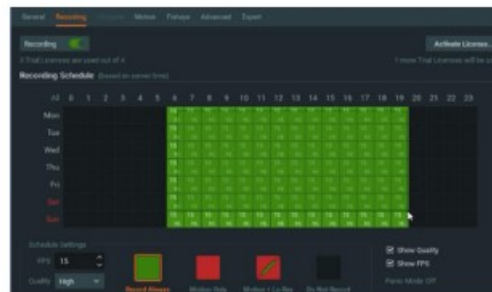
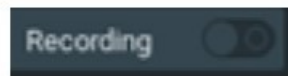
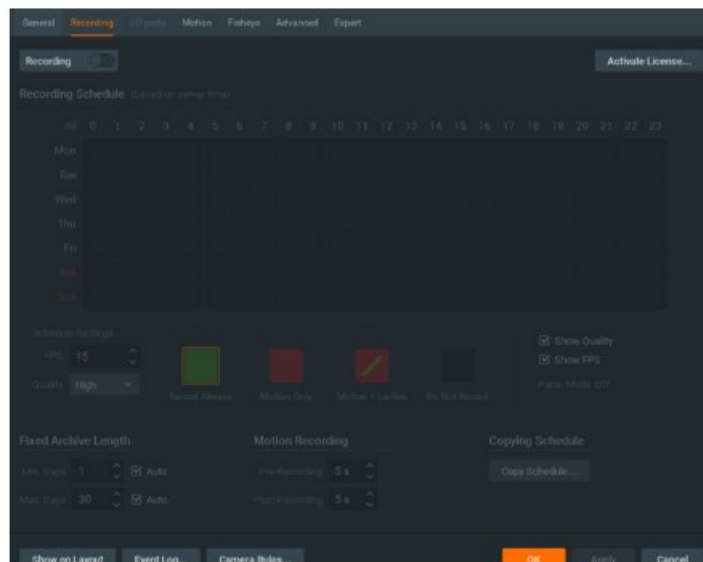


OPTION 2: Go to 'Start' on the bottom left and select DW Spectrum® in the Digital Watchdog folder











Documents / Resources



[DIGITAL WATCHDOG Blackjack DX Server Intel I3 Processor](#) [pdf] User Guide
Blackjack DX Server Intel I3 Processor, Blackjack DX, Server Intel I3 Processor, Intel I3 Processor, I3 Processor, Processor

References

- [DW Digital Watchdog I Welcome](#)
- [Patent Lists - Access Advance](#)
- [DW Digital Watchdog I Welcome](#)
- [DW Resources](#)
- [User Manual](#)