

DWmetapix

ADVANCED SOLUTIONS

DW-BJMAiDX08T-LX	DW-BJMAiDX16T-LX	DW-BJMAiDX24T-LX
DW-BJMAiDX32T-LX	DW-BJMAiDX40T-LX	



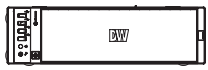
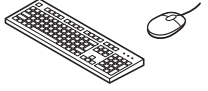
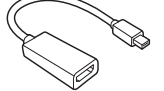
Default Login Information for DW Spectrum

Username: admin	Password: admin12345
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Default login information for the server's OS

Username: dwuser	Password: Dw5pectrum
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WHAT'S IN THE BOX

Metapix AI DX server		1	Keyboard and mouse		1 set	Mini-DP to True HD Adapter		1
Quick start guide		1	Power cable		1			

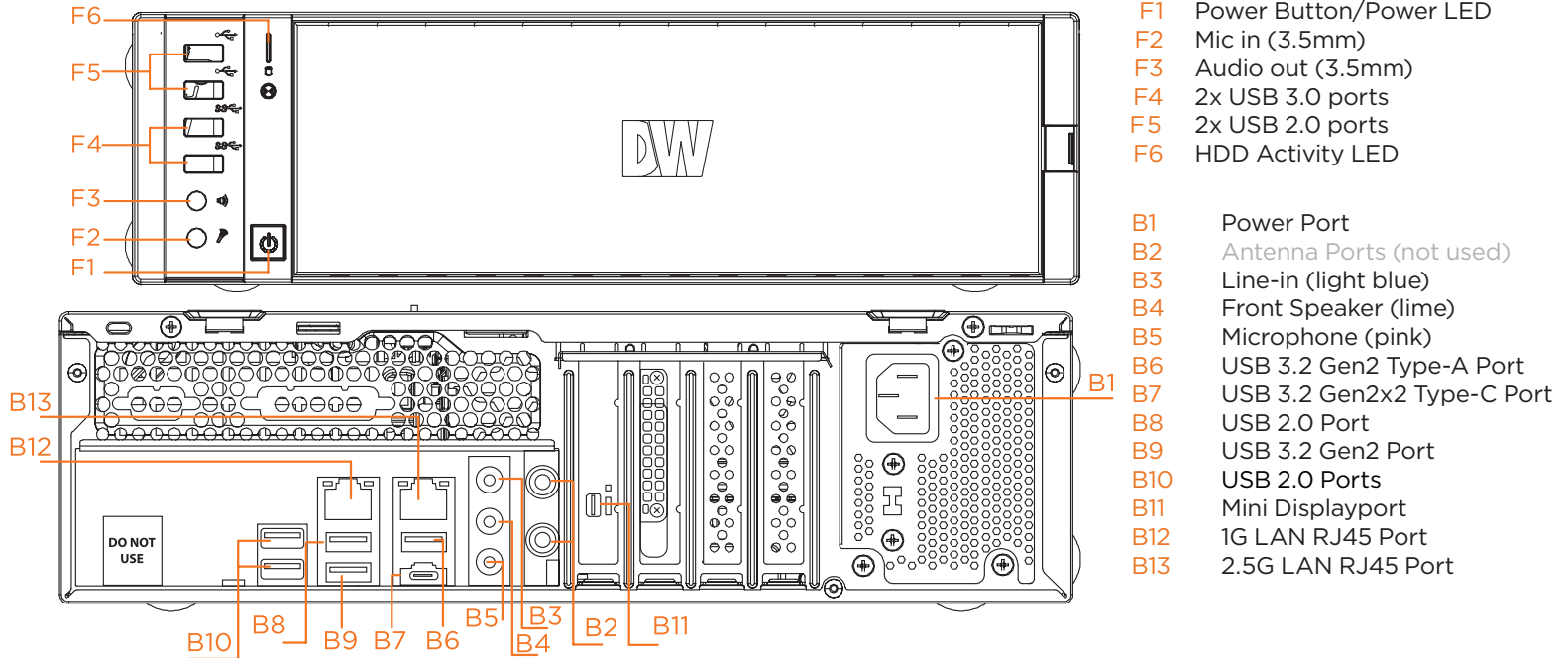
NOTE: Download all your support materials and tools in one place.

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.

HARDWARE OVERVIEW



Default login information for DW Spectrum

Username: **admin**

Password: **admin12345**

Default Login Information for the server's OS

Username: **dwuser**

Password: **Dw5pectrum**

SPECIFICATIONS

PART NUMBER		DW-BJMAiDXxxT-LX
Included DW Spectrum IP licenses		4 (DW-SPECTRUMLSC004)
Form Factor		Slim Desktop
Operating System		Ubuntu 22.04 LTS
OS on SSD		480GB SSD
CPU		12th Gen Intel® Core™ i7 processor
Memory		32GB
Ethernet Port		1 x 1Gb Ethernet, 1x 2.5Gb Ethernet
MAX Camera (recording)		64
Maximum HDD		2 x 3.5 SATA HDD
Max # of analytic streams		12
Video-out	Outputs	1x mini DisplayPort, for system configuration.
	Graphics Card	NVIDIA RTX 2000 ADA
DW Spectrum Client supported OS		Cross-platform - Windows, Linux Ubuntu and Mac
Preloaded Analytic software		DW Metapix Gateway
DW Spectrum Mobile apps		iOS and Android
Operating humidity		20-90% RH
Dimension (WxDxH)		Standing: 13.1" x 3.88" x 15.8" (334 x 98.5 x 402 mm), Desktop: 3.88" x 13.1" x 15.8" (98.5 x 334 x 402 mm)
Other certification		NDAA, TAA, CE, FCC
Warranty		5 year limited warranty

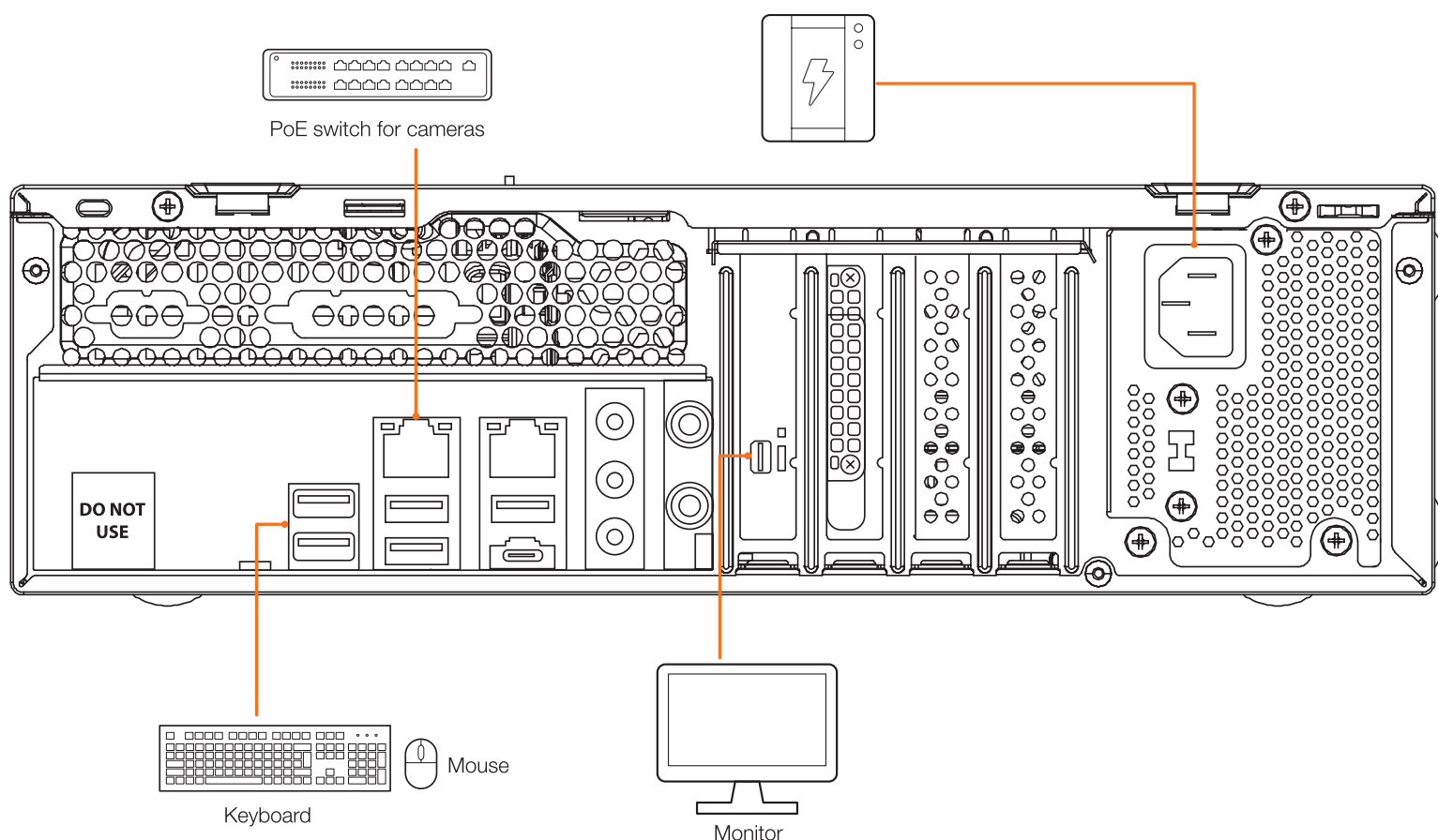
SETTING UP THE SERVER

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 (B12 on the diagram). Configure the camera's network first, then configure the server's local network.

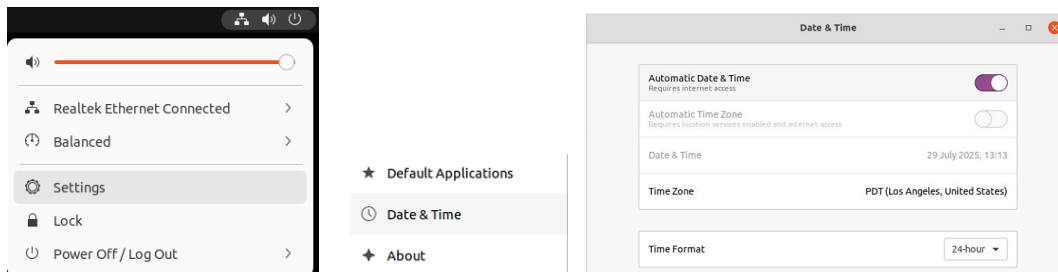
NOTE See page 2 for detailed back panel breakdown for each model.

2. Connect the server to an appropriate power source. A UPS system rated for 600VA or higher per PSU is recommended.
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).

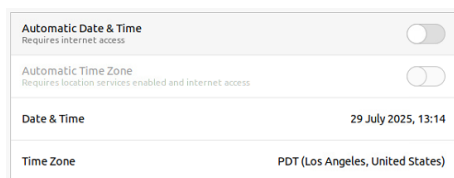


STEP 2: Configure date and time

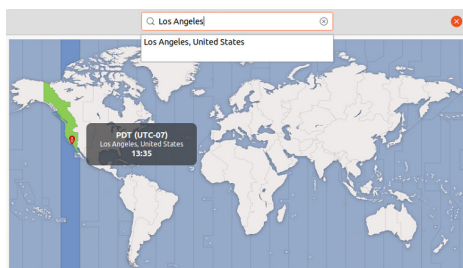
1. Open **Settings**. Scroll to the bottom of the list on the left and click **Date & Time**.



2. Turn OFF **Automatic Date & Time** and **Automatic Time Zone**.



3. Click **Date & Time** and set correct date and time.
4. Click **Time Zone** and set to correct time zone (type one of the largest cities in the time zone).



STEP 3: Configure network

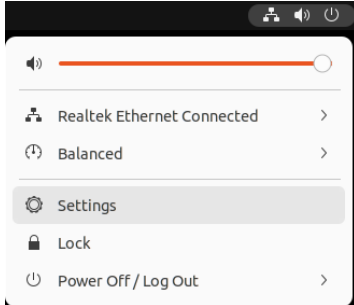
Please have the following information ready before starting the network configuration.

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

* Camera network and local network cannot be on the same network.

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

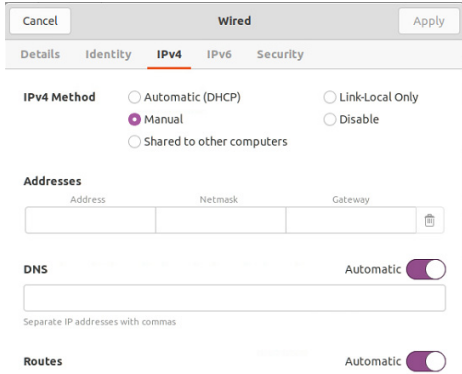
1. Open **Wired Settings** under **Ethernet (eth1) Connected**.



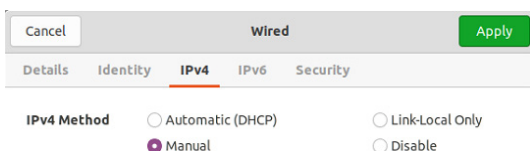
2. Click  under the **Realtek Ethernet**.



3. Change to **Manual**, then enter **Address**, **Netmask**, and **Gateway**.



4. Click **Apply** to save.



5. Restart the connection by switching it off, then turn it on.

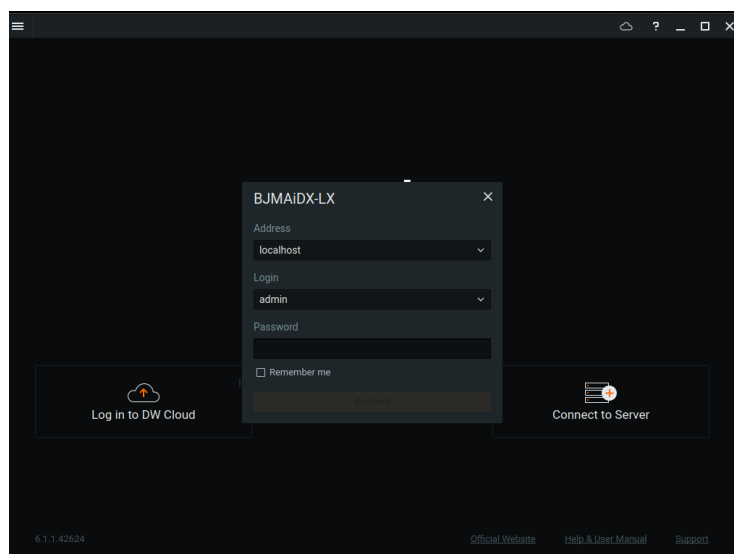
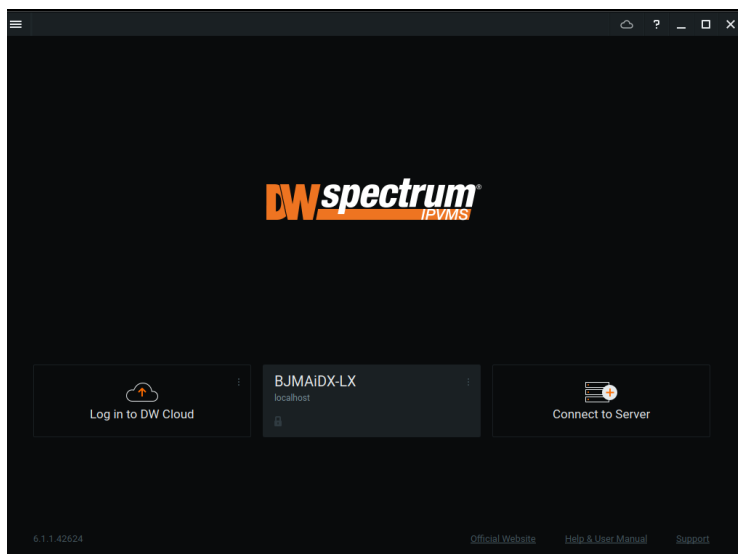


SETTING UP THE DW SPECTRUM MEDIA SERVER

Login: **admin**
Password: **admin12345**

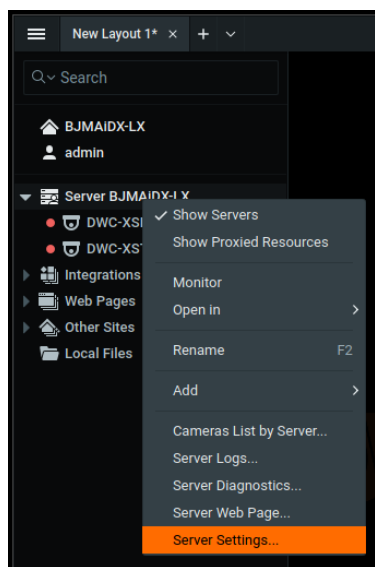
STEP 1: Initial run

1. Open the DW Spectrum client.
2. Click on the pre-configured server.
3. If it does not log in automatically, enter the default password and click **Connect**.

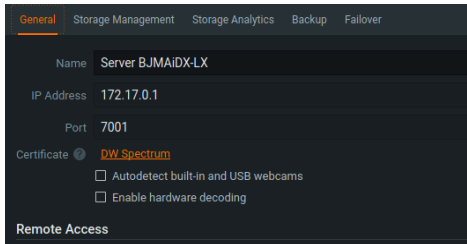


STEP 2: Rename the server

1. Right-click on the server name in the resource panel, then click **Server Settings**.

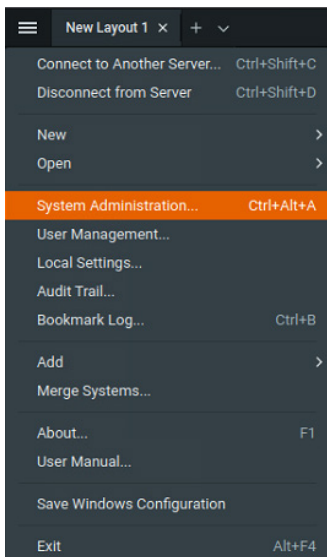


2. Go to the **General** tab and enter the new server name in the name field. Click **OK**.

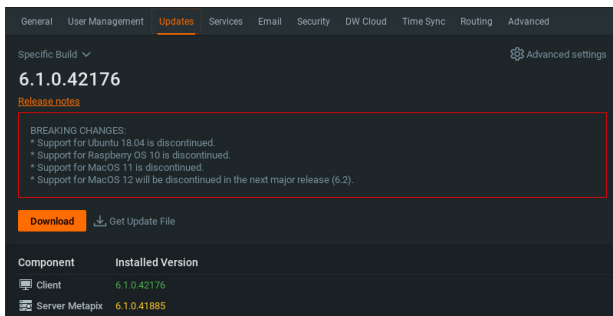


STEP 3: Check for updates

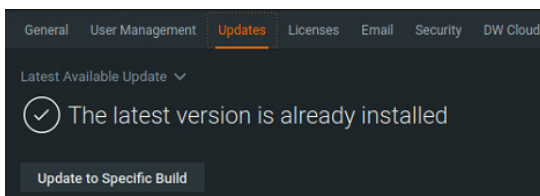
1. Click on the menu , then click **System Administration**.



2. Go to the **Updates** tab. If the system requires an update, click the **Download** button.



If you are on the latest version, it will say “The latest version is already installed.”

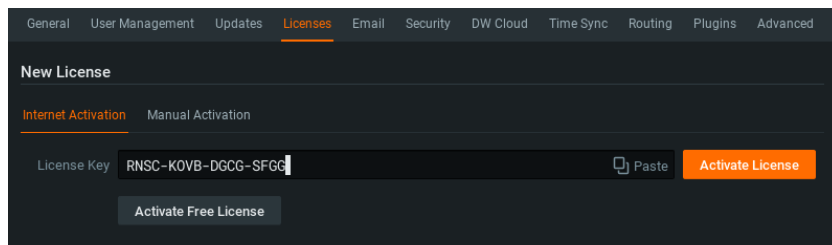


3. Click **OK** when the update is complete.

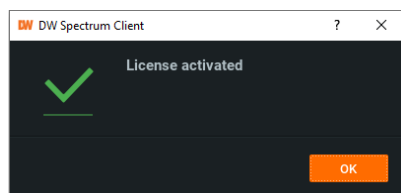
STEP 4: Activate licenses

NOTE: An active Internet connection is required.

1. Click on the menu , then click **System Administration**.
2. Go to the Licenses tab. Enter the license key and click **Activate License**.

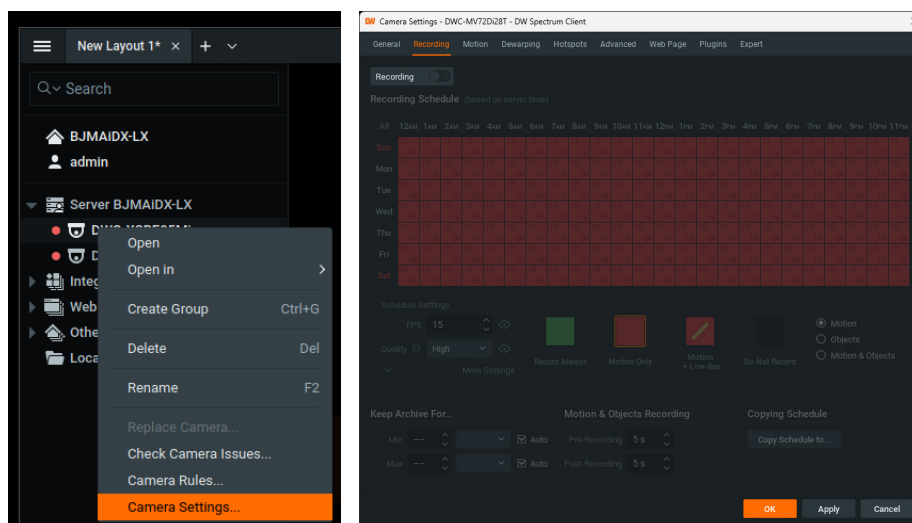


* Click **Activate Free License** to use a free, four-channel license for 30 days.
Click **OK** when all necessary license keys are activated.

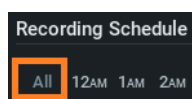
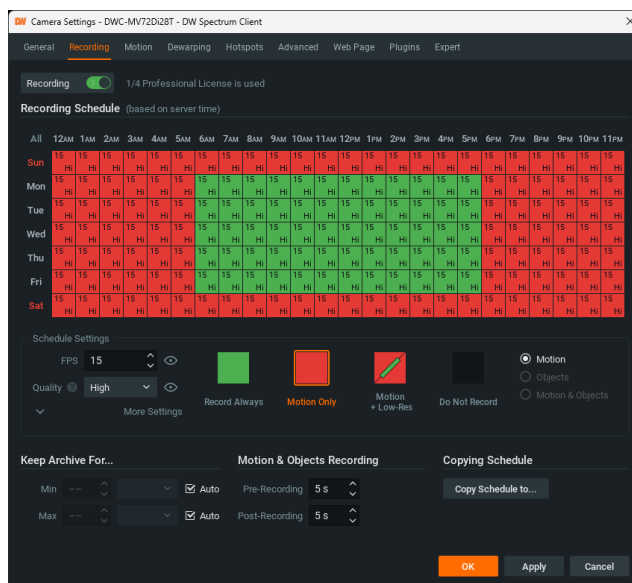


STEP 5: Configure recording

1. Right-click a camera in the resource list on the left side and click **Camera Settings**.
2. Click the **Recording** tab.



- Click the **Recording** toggle to activate recording for that camera.
- Set quality, FPS, and recording type.
- Click and drag over the recording schedule to apply the settings to any number of days and times.



* Click **All** to apply the recording settings to the entire schedule.

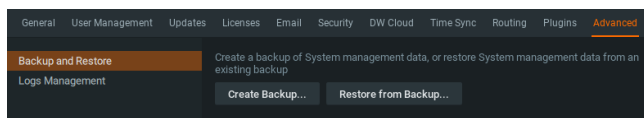
- Click **OK** when the necessary recording schedule is set. A red circle will appear next to the camera in the resource list.

NOTE: A Recording License is required to allow a camera to record to the archive.

STEP 6: Backup database

- Go to the **System Administration** window and click on the **General** tab.
- Click **Create Backup**.
- Navigate to the folder to which you want to save the database and enter a name for the backup file. Click **Save**.

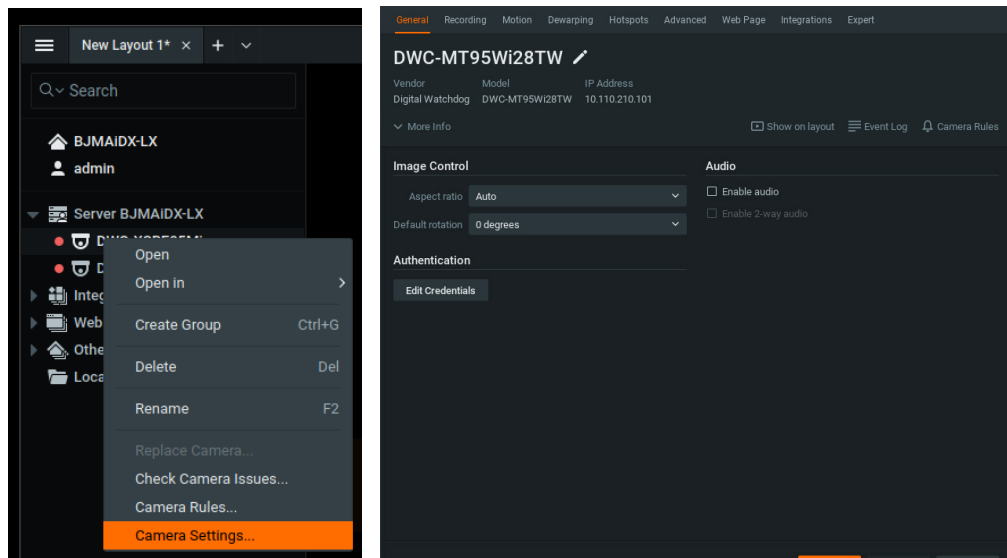
It is strongly recommended to create a database backup to external storage media before and after each update, in case a system restore point is needed.



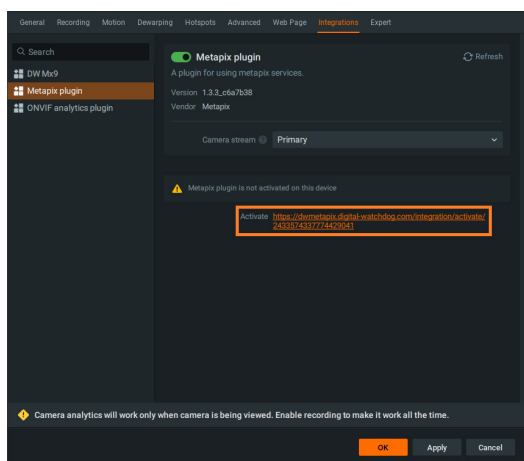
NOTE: More information and instructions are available in the DW Spectrum user manual.

ACTIVATE THE METAPIX PLUGIN

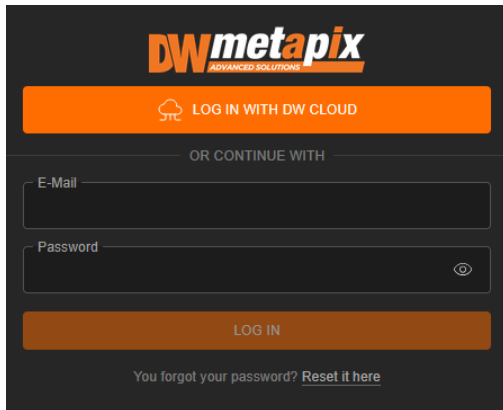
1. In the DW Spectrum client, right-click a camera to be used with Metapix. Click **Camera Settings...**



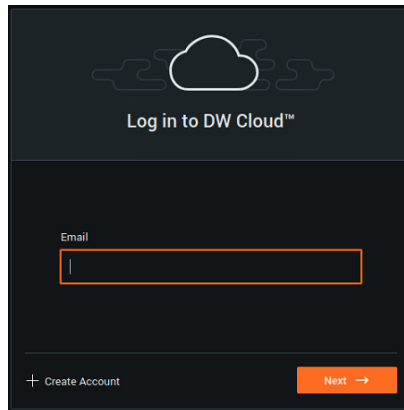
2. Click the **Integrations** tab. Select the **Metapix plugin**. Enable the plugin by clicking the  and click **Apply**. Click the orange <https://dwmetapix.digital-watchdog.com/> link.



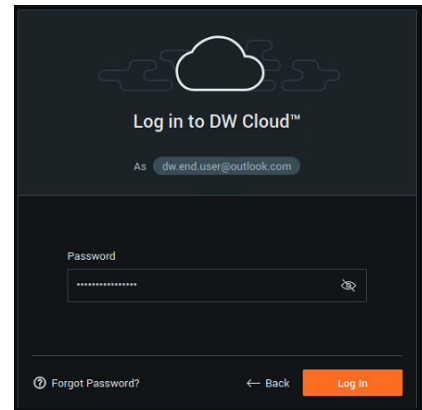
3. A new browser window will open. Click the **With DW Cloud** button, and log in using your DW Cloud account.



The screenshot shows the DWmetapix login interface. At the top is the DWmetapix logo with the tagline 'ADVANCED SOLUTIONS'. Below it is an orange button labeled 'LOG IN WITH DW CLOUD'. Underneath is the text 'OR CONTINUE WITH'. There are two input fields: 'E-Mail' and 'Password'. Below these is an orange 'LOG IN' button. At the bottom, there is a link: 'You forgot your password? [Reset it here](#)'.

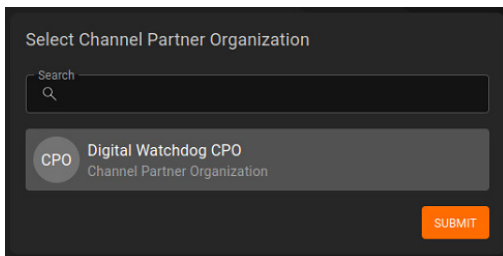


The screenshot shows the 'Log in to DW Cloud™' screen. It features a cloud icon at the top. Below it is the title 'Log in to DW Cloud™'. There is an 'Email' input field. At the bottom, there is a '+ Create Account' link and an orange 'Next →' button.



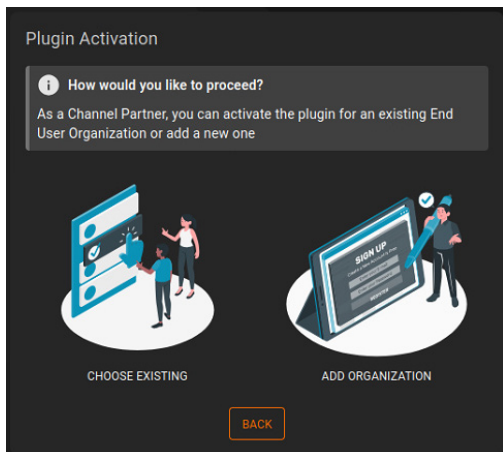
This screenshot is similar to the previous one but shows the email field filled with 'dw.end.user@outlook.com'. Below the email field is a 'Password' input field. At the bottom, there is a 'Forgot Password?' link, a '← Back' button, and an orange 'Log In' button.

4. Select your **Channel Partner Organization**. Click **Submit**.



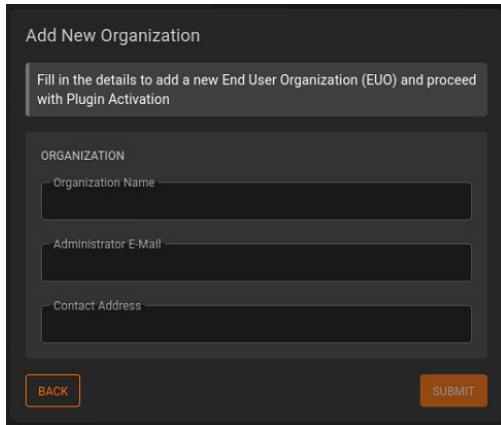
The screenshot shows the 'Select Channel Partner Organization' screen. It has a search bar at the top. Below it, there is a list of organizations. The first one is 'CPO Digital Watchdog CPO Channel Partner Organization'. At the bottom right is an orange 'SUBMIT' button.

5. If the server belongs to a new end user organization, click **Add Organization**. To add the server to an existing end-user organization, click **Choose Existing**.

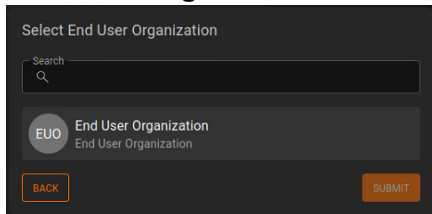


The screenshot shows the 'Plugin Activation' screen. It has a title 'Plugin Activation' and a sub-header 'How would you like to proceed?'. Below this is a message: 'As a Channel Partner, you can activate the plugin for an existing End User Organization or add a new one'. There are two options: 'CHOOSE EXISTING' and 'ADD ORGANIZATION'. At the bottom is an orange 'BACK' button.

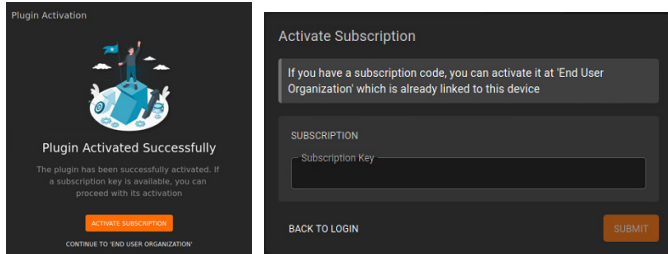
Add Organization: Enter the organization's name, administrator's email, and address.



Choose Existing: Select the end-user organization.



6. Click **Submit**.
7. The Metapix plugin is now activated for the server. Click the **Activate Subscription** button.



8. Copy and paste a subscription key and click **Submit**.

NOTE: This products is covered by one or more claims of the HEVC Patents listed at patentlist.accessadvance.com.



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