

To: DW® customers  
 Date: March 21, 2019  
 Re: How to install the DW® Witness™ plug-in and add as a camera in DW Spectrum® IPVMS



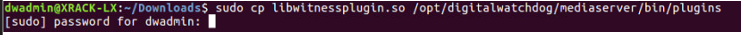
## How to install the DW® Witness™ plug-in and add as a camera in DW Spectrum® IPVMS

### Installing the DW Witness plug-in:

#### System requirements:

- Compatible DW Spectrum® IPVMS build: DW Spectrum® IPVMS 3.2.0.28261 or higher.
  - To perform an in-client upgrade to the latest patch build use the following information:
    - Build Number: 28565
    - Password: 530agz
- TCP ports 7001 and 32201 must be port forwarded. TCP port 32201 is to be used by DW® Witness™.
- TCP ports 7001 and 32201 must be open in both the network and OS' firewall.
  - \* If you have changed the DW Spectrum® IPVMS default ports, the new port must be port forwarded as well.

The following steps must be completed on the DW Spectrum® IPVMS server functioning as a media server:

 Windows OS	 Ubuntu Linux OS
1. Download the plug-in from the Software tab in the <a href="#">DW Spectrum® IPVMS product page</a> .	1. Download the plug-in from the Software tab in the <a href="#">DW Spectrum® IPVMS product page</a> .
2. Move the downloaded plug-in file to: C:\Program Files\Digital Watchdog\DW Spectrum\Media-Server\plugins	2. Move the downloaded plug-in file to /opt/digitalwatchdog/mediaserver/bin/plugins <ul style="list-style-type: none"> <li>a. Open "Terminal" from the folder where the plug-in is saved. (Default location will be Downloads)</li> <li>b. Type following command 'sudo cp libwitnessplugin.so /opt/digitalwatchdog/mediaserver/bin/plugins'</li> </ul>  <ul style="list-style-type: none"> <li>c. Enter the password for sudo. (Default password for the Blackjack servers: admin)</li> </ul>
3. Restart the DW Spectrum® IPVMS media server.	3. Restart the DW Spectrum® IPVMS media server.



Dedicated to those who sell the complete line of DW® video surveillance solutions.



866.446.3595



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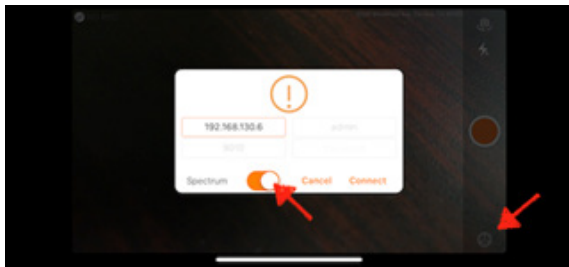
www.digital-watchdog.com

## How to add DW<sup>®</sup> Witness<sup>™</sup> as a camera to DW Spectrum<sup>®</sup> IPVMS:

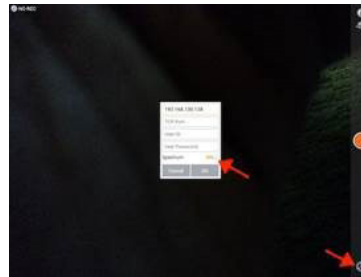
On the DW<sup>®</sup> Witness<sup>™</sup> app side:

1. Start the DW<sup>®</sup> Witness<sup>™</sup> app and go to: Set > Set on DW<sup>®</sup> Spectrum<sup>®</sup> switch -> Enter DW Spectrum<sup>®</sup> server address. You do not need to enter port, login or password.
2. Click connect.
3. Click “OK” on [channel 1]. Channel 1 will be the only available option.
4. Click on the recording button. It may take some time to complete the registration the first time.

[iPhone]

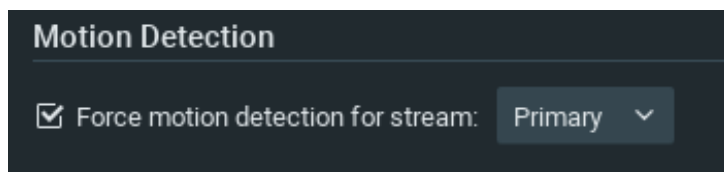


[Android]



On the DW<sup>®</sup> Spectrum IPVMS side:

1. Go to the DW Spectrum client and check DW<sup>®</sup> Witness<sup>™</sup> in the camera list.
  - The camera will be named: DW-Witness-[unique ID]. The unique ID is generated by DW<sup>®</sup> Witness<sup>™</sup>.
  - You may have to restart the DW Spectrum<sup>®</sup> server if the DW<sup>®</sup> Witness<sup>™</sup> camera does not appear in the list after one minute.
2. Check the camera image. If “no signal” is displayed, click on the diagnostics button or wait for a while until you can see the video.
3. You can set the recording in camera settings. Recording settings need to be setup once per connection.
  - a. Continuous recording at max 15fps is available.
  - b. For motion detection recording:
    - Go to “Camera Settings” and open the “Expert” tab.
    - Under “Motion Detection”, check the box “Force motion detection for stream”.
    - Make sure “Primary” is selected from the drop-down menu options.



For more information or technical support

DW technical support

Toll free: 866.446.3595

[digital-watchdog.com/contact-tech-support/](http://digital-watchdog.com/contact-tech-support/)



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