

# ONVIF Profile T & HTTPS in 26.0

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**KB Number:** 23178

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**Tutorial Video:** [ONVIF Profile T & HTTPS](#)

Support has been added to exacqVision 26.0 to conform with the updated guidelines for ONVIF Profile T. This enhancement certifies exacqVision Client for ONVIF Profile T, ensuring comprehensive compatibility with a wide range of ONVIF-compliant cameras. This release also adds support for secure video streaming via HTTPS, enhancing data protection and aligns exacqVision with industry standards for advanced IP video systems.

## Customer Benefits

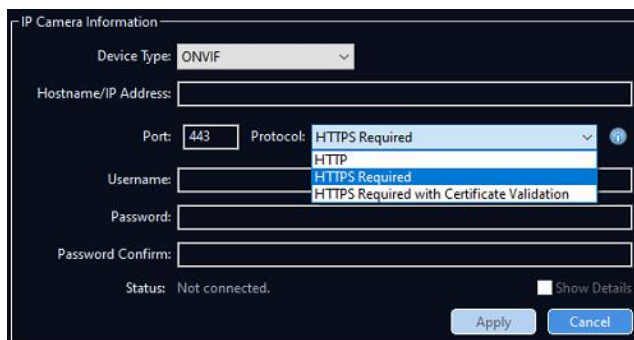
- ✓ **Broader Camera Compatibility:** Connect seamlessly with ONVIF Profile T cameras from leading manufacturers
- ✓ **Market Confidence:** Certification boosts trust and credibility with enterprise customers and integrators
- ✓ **Secure Streaming:** HTTPS support ensures encrypted communication between cameras and clients
- ✓ **Future-Proofing:** Aligns with evolving ONVIF standards, making exacqVision a safer long-term investment
- ✓ **Sales Enablement:** Certified listing improves positioning in RFPs and large-scale deployments

## ONVIF Profile T

Profile T is designed for IP-based video systems. Profile T supports video streaming features such as the use of H.264 and H.265 encoding formats, imaging settings, and alarm events such as motion and tampering detection. Mandatory features for devices also include onscreen display and metadata streaming, while mandatory features for clients also include PTZ control. Profile T also covers ONVIF specifications for HTTPS streaming, PTZ configuration, motion region configuration, digital inputs and relay outputs, and bidirectional audio for conformant devices and clients that support such features.

## Procedure

When adding a camera to exacqVision Client, users can select either *HTTP*, *HTTPS Required* or *HTTPS Required with Certificate Validation* from the **Protocol** dropdown.



Now when adding a camera via CSV, Manually or by discovery, by default camera protocol will be set to HTTPS Required, which the user can change if needed.

**Quick Tip:**

If users already have ONVIF Cameras that are set to HTTP, when upgrading to the new software it will not change their settings to HTTPS automatically and said cameras can be manually changed if and when needed etc.

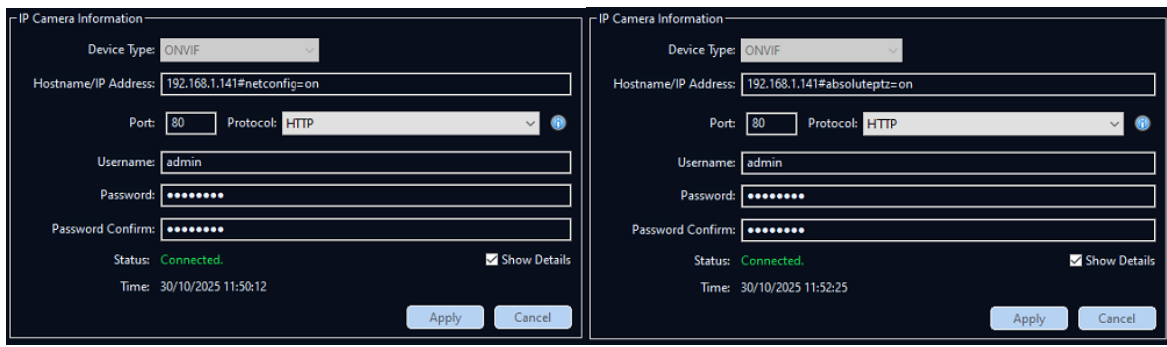
In the image below you can see multiple cameras that have been added via HTTPS and are all supporting RTSP over HTTPS tunnelling for secure live video feeds.

The screenshot shows the 'Add IP Cameras' window with a table of camera details. The table has columns for Enabled, Prot, Address, Make, Model, MAC, Firmware, and Status. All cameras listed are connected.

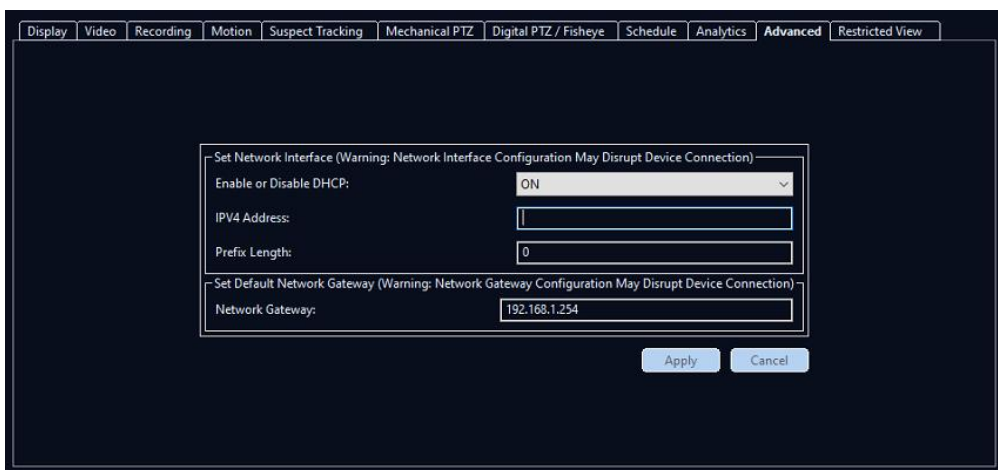
Enabled	Prot	Address	Make	Model	MAC	Firmware	Status
<input checked="" type="checkbox"/>		192.168.1.144	Illustra3	Illustra Flex4 5MP Cor	00-50-F9-64-4A-D1	Illustra.SS018.25.03	connected.
<input checked="" type="checkbox"/>		192.168.1.117	Illustra3	Illustra Pro4 4k Comp	00-50-F9-21-B1-B2	Illustra.SS016.25.03	connected.
<input checked="" type="checkbox"/>		192.168.1.114	Illustra3	Illustra Pro4 4k Comp	00-50-F9-21-B1-B1	Illustra.SS016.25.03	connected.
<input checked="" type="checkbox"/>		192.168.1.141#absol	Tyco Security Pro	Illustra Flex4 5MP Cor	00-50-F9-64-4A-CE	Illustra.SS018.25.03	connected.

In addition to the ONVIF HTTPS enhancements, cameras that are added by ONVIF now have additional configurable settings including; Network and Absolute PTZ Controls.

**Be Aware:**  
The Hostname/IP Address will need to be manually edited for these settings to be displayed.



An **Advanced** tab has been added to allow users to configure network settings as shown below.



You can also utilize advanced PTZ controls where users can set the desired Pan/Tilt and Zoom settings.

