

Ubiquiti Unifi RTSP Stream Setup for RTI Controllers

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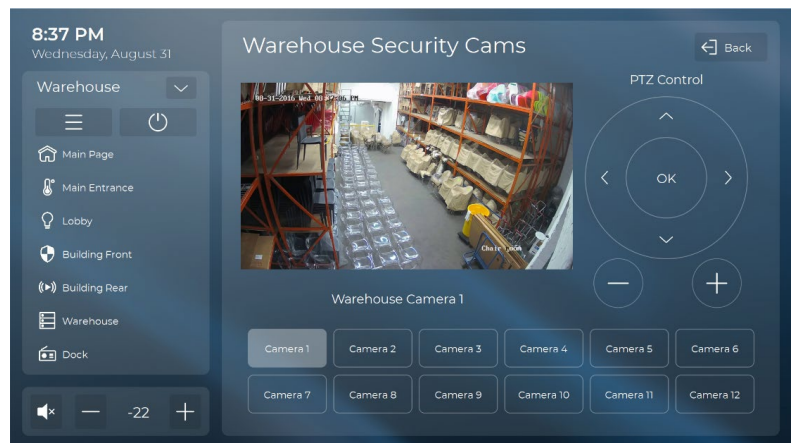
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A. Overview

This document explains how to integrate RTSP video streams from the UniFi Protect camera output of a Unifi Network Video Recorder (NVR) with Integration Designer.

RTSP (Real-Time Streaming Protocol) transmits Video and Audio over UDP or TCP.

Find more information about RTSP streaming, how to optimize performance or debug connection issues in RTI's Tech Bulletin "[RTSP Streaming Video from IP Cameras to RTI Control Devices](#)".



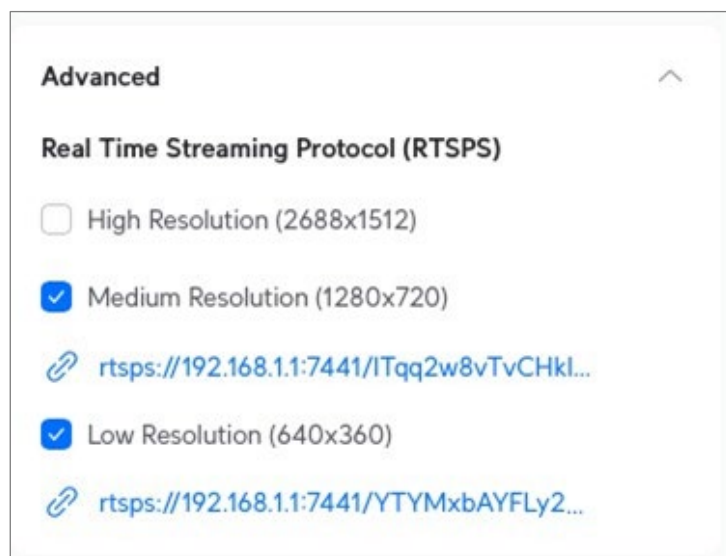
B. Supported RTI Control Devices

RTSP Streaming is supported by

- RTI Remotes with Touchscreen: T4x
- RTI Touchpanels: KX3, KX4, CX7, CX10, KX7s, KX10s, KA8, KA11, IST-5, IST-10
- RTI Mobile Control Apps: RTiPanel Android, RTiPanel iOS

C. Get the RTSP URL from the Unifi Mobile App or Site Manager

1. In the Unifi Protect Mobile App or in the Unifi Protect Site Manager go to **Unifi Devices**.
2. Select the camera you want to stream to an RTI controller.
3. In the **Settings** Tab open Advanced Settings and enable the desired RTSP resolution.
4. Copy the RTSPS URL



D. RTSP Setup in Integration Designer

1. Go to the **Objects** tab in the lower right corner of the Integration Designer 11 tabbed window area.
2. Select **Generic RTSP Streaming** from the drop-down menu. Make sure to select “RTSP Video and Audio”
3. Paste the Unifi RTSPS URL you copied before into the field “Complete RTSP URL”

4. Adjust the URL:
Change the protocol from "rtsp" to "rtsp"
Change the port from "7441" to "7447"
Delete the "?" and everything after

Example

Unifi URL:

rtsp://192.168.1.1:7441/ITqq2w8vTvCHkINc?enableSrtp

Adjusted URL:

rtsp://192.168.1.1:7447/ITqq2w8vTvCHkINc

5. Select “TCP” in the Transport pull down menu:

