

# SWANN SWANN NVR16-7090 GUIDE

OpticLink Pro - Automated Device Technical Manual & Integration Guide

---

## 1. HARDWARE SPECIFICATIONS

Brand Name: Swann

Supported Models: Swann NVR16-7090, Swann SWIFI-PTCAM2...

Device Type: MJPEG

Compression Formats: H.264 / H.265 (High Efficiency)

Audio Type: Supported

## 2. CONNECTION & PROTOCOL REFERENCE

Supported Connection Protocol: rtsp://

Authoritative RTSP Stream Path: /Camera%201/Channel1/1

Sub Stream Stream Path: rtsp://[IP\_ADDRESS]:554/stream2

ONVIF Service Port: 8899 / 80

## 3. STREAM & PERFORMANCE SETTINGS

Maximum Supported Stream Frame Rate: 25 FPS

Recommended Stream Bitrate: 2048 - 4096 Kbps

Resolution Settings: Fully Adjustable via Official App

Sub Stream Frame Rate: 15 FPS

## 4. INTEGRATION & QUICK SETUP GUIDE

1. Enable ONVIF/RTSP functionality within the official Swann application.
2. Establish a static IP address or DHCP reservation for the camera.
3. Input the primary stream RTSP URL directly into your OpticLink dashboard.
4. Configure motion zones and audio detection parameters to maximize utility.