



# Wireless NTSC/PAL Video

## Wireless Analog Video Solutions

### High Resolution, Field Proven, Long Range, Easy-to-install

Wireless video systems from Trango deliver high-resolution, real-time, full-motion video for remote viewing applications at a fraction of the cost of licensed microwave systems and fiber networks. Operating in the unlicensed ISM bands, these systems offer unmatched wireless video performance and a ready-to-install solution for hard-to-reach, remote PTZ or fixed cameras.

Our EaglePLUS, FalconPlus, and PTZ-900 radio systems allow system integrators to transmit broadcast quality wireless video, audio and data using state-of-the-art microwave technology.

The Eagle PLUS and Falcon PLUS systems can also transmit two channels of audio or single-channel audio along with contact closures or data. Sensors, alarms, and other detectors can be wired to the transmitter to take advantage of this highly versatile feature.

### Rugged, Weatherproof

All systems are NEMA 4x outdoor rated for operation in extreme weather conditions.

### Remote Video Applications

Cameras are popping up everywhere - shopping malls, city streets, parking lots, and parks just to name a few. In the interest of homeland security, there is a very large effort to place video cameras in remote locations such as water storage reservoirs, nuclear power plants, airport perimeters, and military bases.

Trango's wireless NTSC/PAL video equipment can be utilized in a wide range of applications including complex systems which require multiple fixed and PTZ cameras at various distances. Our systems are compatible with all major cameras and PTZ drivers.

Applications include:

- » Freeway and city traffic monitoring
- » Military installation perimeter security
- » Port/harbor/airport security monitoring
- » Public safety parks monitoring
- » Construction site monitoring
- » Industrial/plant monitoring
- » Campus/complex monitoring
- » Railroad monitoring
- » Surveillance of remote outdoor areas
- » Parking lot, warehouse, or port security
- » Remote video/audio broadcasts

Wireless Connectivity **IS** Our Business

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**1, 4 or 7 mile options**

## Falcon PLUS

### 5.8 GHz Wireless Video System

- » Up to 7-mile range line-of-sight
- » 12 user-selectable channels
- » Data pass-through mode
- » Energy saving standby mode
- » Stereo audio transmission
- » NTSC/PAL with 460 lines horizontal resolution
- » 30 frames per second
- » Rugged all-weather construction, NEMA 4X rated
- » Dual Virtual Wire™ contact closures with discrete outputs
- » RS232/422/485 data



**1 or 4 mile options**

## EaglePLUS

### 2.4 GHz Wireless Video System

- » Range up to 4 miles line-of-sight
- » 4 user-selectable channels
- » Data pass-through mode
- » Energy saving standby mode
- » Stereo audio transmission
- » NTSC/PAL with 460 lines horizontal resolution
- » 30 frames per second
- » Rugged all-weather construction, NEMA 4X rated
- » Dual Virtual Wire™ contact closures with discrete outputs
- » RS232/422/485 data

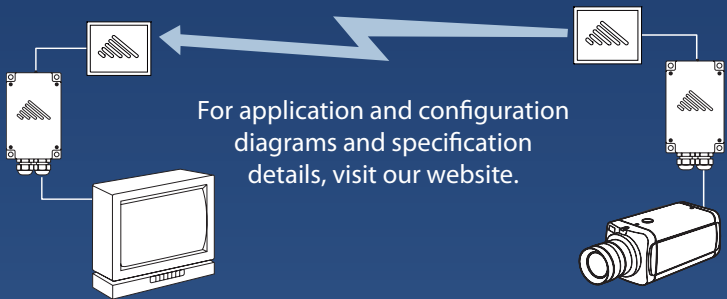


**12 miles line-of-sight**

## SDR900H

### 900 MHz Wireless PTZ Control

- » Up to 12-mile range line-of-sight
- » Control PTZ cameras wirelessly
- » Point-to-point and point-to-multipoint camera control
- » RS232/485/422 compatible
- » Frequency hopping
- » 1200 bps to 57.6 kbps user-selectable data rate
- » Rugged all-weather construction, NEMA 4X rated
- » Compatible with all major manufacturers



For application and configuration diagrams and specification details, visit our website.

## Antenna Options

A wide variety of directional and omni-directional antennas are available for every application. Visit our website for the latest details.



SYSTEM	RANGE	CURRENT	VOLTAGE	VIDEO	AUDIO	DATA	TEMP	SIZE
Falcon PLUS 5.8 GHz	Up to 7 miles	220 mA TX 520 mA RX	6-12 vDC (7 vDC nominal), 120 vAC - 7 vDC converter supplied	BNC - F Connector	RCA-F Connector  Range 50 Hz-15 kHz	RJ11 for RS232. Terminal block on optional LC485/422 module for RS422, RS485	-30°C - +70°C -22°F - +158°F	4.6" x 8.8" x 2.5" Mounts to wall or 3" pole
Eagle PLUS 2.4 GHz	Up to 4 miles	140 mA TX 400 mA RX						
SDR900H 900 MHz	Up to 12 miles	250 mA TX 150 mA RX	N/A	N/A	N/A	Terminal block for RX+, RX-, TX+, TX-	-40°C - +70°C -40°F - +158°F	