

Short-Range Wireless



When conventional cable installations are impractical or impossible the SR5800-8 Short Range Fixed Site Systems provide a high-quality, real-time wireless video transmission and reception. The SR5800-8 series provide exceptional performance through all climates and are not affected by fog, rain, or snow.

A Multitude of Features:

- The most cost effective solution.
- Eight field-selectable channels of operation.
- LED power light on both transmitter and receiver.
- Utilizes high-technology microstrip antennas
- Channel lock VCO
- Optional thermostatically controlled heater.

Options

SR5805-8

This system is for short-range transmission up to 500feet. The SR5805-8 utilizes an internal, four element micro-strip antenna and receives with an internal phased-array, micro-strip antenna.

SR5815-8

This system is for short-range transmission up to 1,500 feet. The SR5815-8 transmits with an internal, four element micro-strip antenna and receives with an internal phased-array, micro-strip antenna.

SR5840-8

This system is for short-range transmission up to 4,000 feet. The SR5840 transmits with an internal, single-element micro-strip antenna and receives with an internal phased-array, micro-strip antenna.



The SR5800-8, 5.8GHz Fixed-Site System includes: Video transmitter, internal transmitter antenna, video receiver, internal receiver antenna, AC / DC power adapters, installation / operation manual and pole mount brackets with mounting hardware.

Transmitter TX 5800-8 Series

Power Options	12VDC @ 500mA wall transformer (standard) or 85-264VAC, 50/60Hz, 25 watts
Heater Model Power Options	24VAC @ 1.4A wall transformer (standard) or 85-264VAC, 50/60Hz, 40 watts
Frequency Band	5.732 GHz to 5.867 GHz
Frequency Accuracy	50 ppm, -20° to +45°C
Effective Radiated Power	50,000 Micro-volts / meter
Transmitter Attack Time	Less than 5 m sec.
Spurious & Harmonics	Less than -60 dBc
Modulation	FM video
Pre-Emphasis Complies to	ITR and CCIR, 405-1
Transmitter Antenna	Gain + 3 dBd, microstrip, beamwidth 160°

INPUT

Video Input: Standard NTSC or PAL composite video signal (1.0 V P-P), 75Ω input impedance, BNC female connector.

POWER

Phoenix contact P/N 1757019

DIMENSIONS

Weight: 6 pounds
 Size: 9.3" wide X 11.3" high X 5.3" deep
Weatherproof NEMA 4X non-metallic enclosure provided with a mast-mounted bracket (2" diameter mast, minimum size).

Receiver RX 5800-8 Series

Power Options	12VDC @ 500mA wall transformer (standard) or 85-264VAC, 50/60Hz, 25 watts
Heater Model Power Options	24VAC @ 1.4A wall transformer (standard) or 85-264VAC, 50/60Hz, 40 watts
Receiver Input Sensitivity	-70 dBm
Receiver Accuracy	0.02%, -20° to +45°C
Spurious & Harmonics	Less than -60 dBc
Noise Figure (total system)	<4 dB
Video Output Level	75Ω @ 1.0 V P-P
Antennas	
RX5805	Gain + 3 dBd, microstrip, beamwidth 70°
RX5815	Gain + 12 dBd, microstrip, beamwidth 22°
RX5840	Gain + 24 dBd, microstrip, beamwidth 14°

OUTPUT

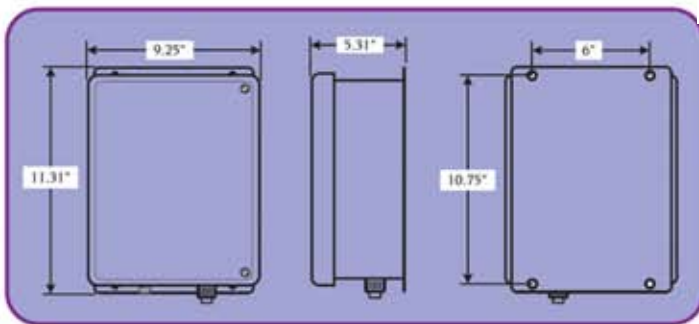
Video Output: Standard NTSC or PAL composite video signal (1.0 V P-P), 75Ω output impedance, BNC female connector.

POWER

Phoenix contact P/N 1757019

DIMENSIONS

Weight: 6 pounds
 Size: 9.3" wide X 11.3" high X 5.3" deep
Weatherproof NEMA 4X non-metallic enclosure provided with a mast-mounted bracket (2" diameter mast, minimum size).



MADE IN USA • Conforms to EIA-330-CCTV-A

