

AR-4000I, AR-4000I-H Wireless Video Solutions



Features

- 5.8Ghz Transmitter & Receiver Kit
- 4,000 Foot Range (Extendable)
- Designed for Extreme Environments
- Eight Field Selectable Channels
- Channel Lock VCO
- Optional Thermostatic Heater
- High-Tech Microstrip Antennas

AR-4000I Kit Includes:

- Video Transmitter
- Internal Transmitter Antenna
- External Data Antenna
- Video Receiver
- Internal Receiver Antenna
- (2) AC/DC Power Adapters
- Installation/Operation Manual
- (2) Pole Mount Brackets
- Mounting Hardware

*Weatherproof NEMA 4X non-metallic enclosure provided with a mast mounted bracket (2" diameter mast, minimum size)

Specification	AR-4000I
Power Options	12VDC @ 500mA wall transformer (standard) or 85~264VAC, 50/60Hz; 25 watts
Frequency Band	5.732 GHz to 5.867 GHz
Frequency Accuracy	50 ppm, -4°F~113°F (-20°C~45°C)
Effective Radiated Power	50,000 micro-volts / meter
Transmitter Attack Time	Less than 5m/sec.
Spurious & Harmonics	Less than -60 dBc
Modulation	FM Video
Pre-Emphasis	Complies to ITR and CCIR, 405-1
Antenna (Transmitter/Receiver)	Gain +24 dBd, microstrip, beamwidth 14°
Noise Figure (Total System)	< 4 dB
Video Input/Output	Composite Video (1.0V p-p) 75 Ohm impedance
Connectors	BNC Female (Transmitter & Receiver)
Power	Phoenix contact P/N 1757019
Weight	6 lbs / 2.72 kg
Dimensions	9.3"w x 11.3"h x 5.3"d (23.6 x 28.7 x 13.5cm)
Specification	Optional Heater Model: AR-4000I-H
Heater Model Power Options	24VAC @ 1.4A wall transformer (standard) or 85~264VAC, 50/60Hz; 40 watts
Operating Temperature	-4°F~149°F (-20°C~65°C)