



## MODEL: TCO-2409XR6

### 2.4GHz Digital FHSS Outdoor Analog Video + RS-485PTZ Data System - Range 2,500" - TCO-2409XR6

All-weather wireless video, 2.4GHz Digital Frequency Hopping Spread Spectrum (FHSS), solution sends Real-Time D1 (720 x 480) highresolution video up to 2,500 Feet Line-of-Sight. System also features reverse transmission 2-wire format RS-485 for wireless PTZ control or Data transmission. Perfect for industrial, commercial, law enforcement and video security applications.



### ADVANTAGES :

- Easy to install " All-In-One " kit with Unique Embedded Antenna System
- Perfect for Short Range Wireless Analog & Analog PTZ Camera Applications up to 2,500 feet
- 2.4GHz Digital FHSS Immunity to Signal Interference
- Automatic Rolling Encrypted Authentication System for Secure Transmission
- No Software or Hardware Configuration Required "Plug & Play"
- Embedded 2-Wire RS-485 PTZ / Data Control Capable
- Convenient On-screen Display Signal Strength Indicator
- Rugged IP-67 Rated All-Weather Design for Extreme All-Weather Environments
- Perfect for commercial, industrial, scientific, law enforcement and video security applications

**TCO-2409XR6 Specifications**

Operating Frequency:	2.4GHz - 2.48GHz Digital Frequency Hopping Spread Spectrum
Modulation:	FHSS (16 QAM, QPSK, BPSK)
Frequency Control:	Automatic 9-Channel
Security Authentication System:	Automatic Rolling Encrypted Authentication System
Latency:	200-500ms (Signal Dependant)
Video Compression:	Hardware Based MPEG-4
Resolution:	Maximum D1 720 x 480
Frame Rate:	30fps (NTSC) / 25fps (PAL)
Video Format:	NTSC
Radiated Power:	65mW
Range & Elevation (Line of Sight):	Up to 2,500 Feet @ Minimum 15 Feet Elevation
Sensitivity:	-85dBm
Antenna Type:	2x Embedded 9dB Directional Patch Antennas
Antenna E Plane Beam:	E-Plane 65°
Antenna H Plane Beam:	H-Plane 65°
Video Connector:	BNC-Female @ 75 Ohms 1 Volt P-P
Audio Connector:	BNC-Female @ 600 Ohms 1 Volt P-P
Baud Rate:	Rotary-Switch 1200 / 2400 / 4800 / 9600
PTZ Data Protocol:	RS-485 2-Wire Pelco-D / Pelco-P
Power Supplies Included:	TWO x 12VDC 1.25Amp Power Supplies Class V CEC
Tx & Rx Operating Voltage:	9-15VDC - Polarity & Surge Protected
Tx & Rx Current Consumption:	500mA @ 12VDC
Tx & Rx Construction	IP-67 Rated All-Weather Design
Tx & Rx Dimensions:	7.0" x 7.0" x 4.0" (178mm x 178mm x 102mm) Each Enclosure
Tx & Rx Weight:	Transmitter: 29oz (820g) Receiver: 31oz (890g)
Tx & Rx Mounting Brackets:	Universal Stainless Steel Wall / Pole Mount - Model # BRK-250
Operating Temperature Range:	-40°F to +170°F (-40°C to 77°C)
Includes:	• 1x ALL-WEATHER TRANSMITTER • 1x ALL-WEATHER RECEIVER • 2x 12VDC POWER SUPPLIES • 2x UNIVERSAL MOUNTING BRACKET • OWNER'S MANUAL • ONE YEAR WARRANTY • 100% PERFORMANCE GUARANTEE
FCC / IC Approved:	License Free - Professional Installation (CE Version Available)

