

TR-5821 Point to Point Wireless Transceiver



- 5.8 GHz Operating Frequency
- 5 Mile Operating Range
- 36dBm total Effective Radiating Power
- Integrated Outdoor 21db Antenna Enclosure
- Horizontal or Vertical Mounting Bracket
- Power Over Ethernet Kit

Transport MPEG-4 Video Signals and Audio/Digital Data Bi-Directionally

The TR-5821 is a high throughput (up to 45 Mbps), radio transceiver operating at up to 5.8 GHz. It is compliant with the 802.11a wireless standard. It also comes with an integrated 21 db antenna. Operating in the FCC approved, unlicensed frequency range, the TR-5821 allows for very simple point to point video links. When coupled with an external dish the range can be extended up to 30 Miles. As long as the two units are in "Line of Sight", they are operational. The TR-5821 delivers a high price/performance ratio by coupling low installed cost with ease of use and high reliability.

Electronics

Frequency Range	5.1GHz to 5.25GHz (low)
Frequency Range	5.35GHz (middle)
Frequency Range	5.725GHz to 5.825GHz (high)

Comm. Method	Half-Duplex
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Network

Protocol Support	TCP/IP, IPX, NetBEUI
Data Rates	6,9,12,18,24,36,48,54Mbps
Modulation Method	OFDM

I/O Interface

Ethernet Connector	RJ-45 (10/100 base-T)
Device Management	Web-Based or Telnet

RF

Transmit Power	41 dBm
Antenna	21 dB Panel
Rec. Sensitivity	-65dBm@54Mb to -82dBm@6Mb

Mechanical and Environment

Dimensions	13" X 10"
Weight	Unknown
Power needs	Power over Ethernet
Operating Temp.	- 50 Deg C to +50 Deg C

Misc.

FCC ID	QRF-TR-5821 pending
Certification	CE, FCC, 802.11a

