TR430-3G 1W Wireless Digital Link

OEM Applications:

- Wireless TCP/IP & USB link(with Module C)
- Wireless video / video conferencing link (with Module A)
- Wireless audio link
- Wireless alarm link
- Wireless telemetry link
- Interoperability systems

TR430-3G DESCRIPTION

The TX430-3G is a 1W **secure, robust,** digital wireless two-way link with a data rate of 1.53Mbit/sec for OEM use. It is miniature, lightweight and low power.

Operating frequency: UHF from 460MHz to 960MHz, offering over 700 channels at the same location.

Smart automatic control: Remote on/off and gain control. RF frequency synthesizing and power control.

KISS design: Only manual control is an On/Off switch.

TR430-3G Features

- TCP/IP and USB interfaces (via Module C)
- Daisy chain internal IIS interface
- Remote On/Off via receiver
- RF Section
  Tuning: 460MHz-960MHz in 2MHz channels.
  RF output power: 30dbm (1W)
  RF input sensitivity: –90dbm.
  Forward Error Correction (FEC): Turbo
  Range: Urban area 1000 feet non-line-of-sight
         Open space: Four miles + line-of-sight
- Power consumption: 7.2V/0.6A in transmit mode (two Li-Ion rechargeable cells)
- Small (60mm x 33mm) and low weight (<28gram)
- **Low cost**

TR430-3G Optional features

- MPEG4 video and audio link (with Modules A/D)
- FIPS140-2/FIPS197 Encryption
- GPS option
- Alarm I/O option
- Two analog telemetry inputs and outputs, each with 10 bit resolution & a 500Hz sampling rate.