



## DX402,DX502,DX602 Two Antenna True Diversity Receiver

### Applications

- Portable video receiver without latency
- Mini UAV/UGV/AUV receiver/control station
- Covert video systems
- Remote security camera with PTZ control

### DESCRIPTION

The DX402/DX502/DX602 are rugged **two antenna** 'true' diversity "receivers" intended for demanding long range, high mobility, wireless video applications without link breakup.

DX402: VSB modulated with a tuning range of 56MHz-802/860MHz & a 6MHz bandwidth.

DX502: FM modulated with a tuning range of 900MHz-2.15GHz (optional) & a 16MHz/27MHz bandwidth.

DX602: FM modulated with a tuning range of 2.14GHz-2.5GHz (optional) & a 16MHz bandwidth.

The DX402/DX502/DX602 receivers offer the following channels:

- a) Video with (optional) VITC/watermarking and GC canceling circuitry.
- b) Audio (one channel) with one (optional) talk-back audio channel.
- c) Two-way, half duplex, digital encrypted communications channel to a companion TX530/TX630 (optional).
- d) Alarm channel (optional).
- e) Two analog telemetry channels (optional).

### FEATURES

- ♦ "All in one" no latency video receiver.
- ♦ Video, audio, data/command & control, telemetry and alarm.
- ♦ Remote control of the receiver via a RS232 channel.
- ♦ Auto synthesizing video and data link.
- ♦ Hundreds of channels - tuning in 1MHz increments.
- ♦ Power: unregulated 12V @ 680mA.
- ♦ Weight: 250gram.

