



DX404, DX504, DX604 Four Antenna True Diversity Receiver

Applications

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

DESCRIPTION

The DX404/DX504/DX604 are rugged **four antenna** ‘true’ diversity “receivers” intended for demanding long range, high mobility, wireless video applications without link breakup.

DX404: VSB modulated with a tuning range of 56-802/860MHz & a 6MHz bandwidth

DX504: FM modulated with a tuning range of 900MHz-2.15GHz (optional) & a 16MHz/27MHz bandwidth.

DX604: FM modulated with a tuning range of 2.14GHz-2.5GHz (optional) & a 16MHz bandwidth.

The DX404/DX504/DX604 receivers offer the following channels:

- Video with (optional) VITC/watermarking and GC canceling circuitry.
- Audio (two channels) with one (optional) talk-back audio channel.
- Two-way, half duplex, digital encrypted communications channel to a companion TX530/TX630 (optional).
- Alarm channel (optional)
- 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@900mA
- ♦ Two units fit a 1U high 19” rack.
- ♦ Weight: 1920 grams

