

10mW - 12 RF Channels UK/EU Wireless Data Transmission

Frequency Modulated to 433MHz or 458MHz the system provides high reliability, long range and low power simplex data transmission for remote telemetry control. A field trial is necessary on all sites to ensure local conditions are favourable
 Warning: Ensure the Baud rate of the telemetry control hardware is compatible



Main Features

- 12 RF Channels @ 458MHz (UK)
- 32 RF Channels @ 433MHz (EU)
- Supports Data speeds up to 4800 baud
- Squelch indicator
- Sleep Mode
- Supports:
 - RS485
 - RS232
 - 20mA Current Loop
 - TTL
- Range 1Km standard
- 2Km long range with 458/ANT or 433/ANT
- Tested with Baxall, Pelco and Vicon systems

Transmitter Specification

- Frequency (UK) 458.525 - 458.775MHz
- Frequency (EU) 433.875 - 434.650MHz
- RF Power 10mW
- Freq. response 100Hz - 3kHz (-3dB)
- Baud Rate 1200 to 4800 baud.
- Temp range -10 C - + 60 C
- Freq. stability Less than +2.5kHz
- Modulation FM narrow band
- Supply 12V / 200mA

Receiver Specification

- Frequency (UK) 458.525 - 458.775MHz
- Frequency (EU) 433.875 - 434.650MHz
- Freq. response 100Hz to 3kHz (-3dB)
- Baud Rate 1200 to 4800 baud
- Temp range -10 C - + 60 C
- Sensitivity -110dB
- Selectivity +5kHz @ 6dB point
- Demodulation FM narrow band
- S/N ratio 50dB overall
- Supply 12V / 200mA