



Professional Video & Data Transmission

458 / 433 Series

DATA SHEET

458/433 MAR 00

Wireless Telemetry Control

For remote pan, tilt, & zoom functions.



Indoor Version shown above.
Weatherproof version available to
IP65

Unobstructed Short Range 1000 mts, Long Range
5 Kms depending on antenna height above ground

Frequency Modulated to 433MHz or 458MHz
providing high reliability, long range and low power.

Approved to:- MPT 1329 UK / ETS 300-220 Europe

Protocols:- 20mA Current Loop, RS232, RS485, TTL

Features:-

- 12 Channels @ 458MHz or 32 @433MHz
- Supports Data speeds up to 4800 baud
- Squelch indicator
- Sleep Mode

Typical Applications :-

- Telecommand for CCTV.
- Data Transmission.
- Alarm Handling (Interface required)

Transmitter

Frequency	458.650 MHz
RF Power	10mW ± 3dB @ 50R
Freq. response	100Hz - 3kHz (-3dB)
Baud Rate	1200 to 4800 baud.
Temp range	-10 C - + 60 C
Freq. stability	Less than +2.5KHz (0-50)
Spurious emission	<-60dB at output terminal
Modulation	FM narrow band
Supply voltage	12V DC.
Current	200mA
Antenna connection	BNC socket

Receiver

Frequency	458.650MHz
Freq... response	100Hz to 3kHz (-3dB)
Baud Rate	1200 to 4800 baud
Temp range	-10 C - + 60 C
Sensitivity	-110dB
Selectivity	+7.5KHz @ -6dB point
Demodulation	FM narrow band
S/N ratio	50dB overall
Supply voltage	12V DC.
Current	200mA
Antenna connection	BNC socket

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