

- < 400m standard
- < 1Km with 433/ANT5
- < 1.5Km with 433/ANT10

### 10mW - UK/EU Wireless RS485 Data Transmission

The TLS433 provides 100% transparent simplex RS485 data transmission. It is designed to provide wire-free telemetry control, via a packed-based 433MHz radio link. Supplied in an IP65 housing with mounting brackets, the system is easy to install and can be configured to operate with most RS485 telemetry control systems

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

- 433.92MHz (EU)
- RS485
- Baud rate 2400, 4800, 9600, 19200
- Supports 8 bit data, with no 'forbidden' codes
- Data Transmitted Indicator
- Data Received Indicator
- Data Error Indicator
- Test Packet Transmit Mode to aid installation
- 2 Independent Relay Outputs
- IP65 Housing
- Compliant with ETSI EN 300 220-1
- Tested with VCL, PELCO, VISTA, and American Dynamics domes

#### Transmitter Specification

- Frequency 433.92MHz
- RF Power 10mW
- Baud Rate 2.4K, 4.8K, 9.6k, 19.2K
- Modulation FM
- Temp range -20 C - + 60 C
- Supply voltage 8 to 16V DC.
- Current <100mA
- Logic control inputs for Rx relays

#### Receiver Specification

- Frequency 433.92MHz
- Sensitivity -103dB
- Baud Rate 2.4K, 4.8K, 9.6k, 19.2K
- Demodulation FM
- Temp range -20 C - + 60 C
- Supply voltage 8 to 16V DC.
- Current <130mA
- Relay outputs 1A at 24V DC