

868 MHz Data Transceiver

DTR-868



Description

The DTR-868 data transceiver operates in 868 MHz frequency. It enables bi-directional data communication with AST sensor tags as well as one or more DTR-868 transceivers. The DTR-868 transceiver comes with embedded web server and control software permitting identification, setting-up interrogation modes and sending commands to the sensors.

Features

868.300 MHz operating frequency

Operating distance: up to 100 m (line-of-sight)

Multiple outputs: Ethernet, Analogue, RS232

Integrated HTML5 compatible web server

Data rates up to 100 kbps for standard module


RoHS compliant

CE certified



DTR-868

Characteristics

Regulatory approvals	EN 300220 EN 301489 EN 60950	
Operating frequency	868.300 MHz (868.900 MHz alternate)	
Transmit power	Up to 10 dBm	
Receiver sensibility	> - 104 dBm	
Modulation (Rx & Tx)	2-GFSK / 50 kHz	
Data bit rate (Rx & Tx)	100 kbps on air	
Antenna peak gain	0 dBi (omnidirectionnal)	
Outputs	Ethernet Analogue 0 – 10 V RS-232 (on demand) Interface with QINTEQ PWT-04 power transmitter	
Power consumption	13 W	
Power supply	12 VDC / 2A	
Mounting	4x metallic holes $\varnothing = 5.2$ mm	
Dimensions	160 mm x 132 mm x 35 mm	
Operating Temp.	- 20 °C / 50 °C	
Storage Temp.	- 40 °C / 85 °C	
Weight	280 g	
Color	Black	
Warranty	1 year	