

ZULU-DONGLE

Features

- Intelligent RF modem module
- Serial data interface with handshake
- Host data rates up to 57,600 baud
- RF Data Rates to 115Kbps
- Range up to 1Km
- Minimal external components
- Direct LED drive shows data flow
- Secure data protocol
- Ultra low power 2.4 - 3.6V operation
- CE compliant for licence free use
- 868MHz multi channel operation
- 100mW transmit power (+20dBm)
- Receiver sensitivity -121dBm



Applications

- Remote networking
- USB/RS232 cable replacement
- Remote data log
- Meter reading

Description

The ZULU DONGLE is a highly integrated RF modem and intelligent controller with a plug and play (virtual comm port) USB interface. The ZULU DONGLE can achieve a wireless serial data link at up to 38K4bps over a 1Km range. Range may be further extended with suitable antenna.

The user interface is standard USB operating at low voltage. All RF operation is automatically controlled (with error checking etc) so the ZULU DONGLE can be treated as a simple serial communications device.

Possible applications include one-to-one and multi-node wireless links in applications including car and building security, EPOS, inventory tracking, remote industrial monitoring and computer networking.

Because of the small size and low power requirements these modules are ideal for use in with handheld terminals also.

Ordering Information

Part Number	Description
ZULU-DONGLE	Radio Modem 868MHz +20dBm