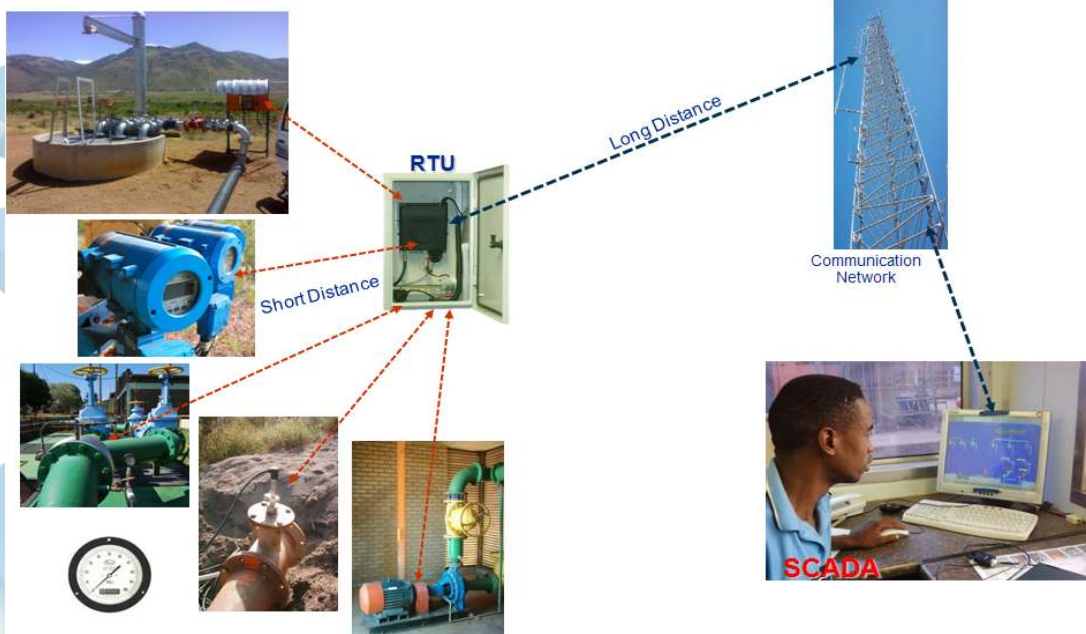


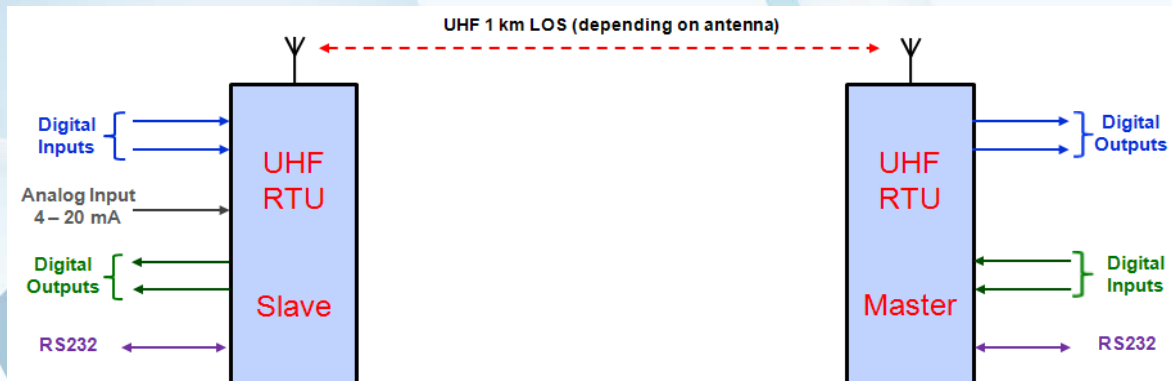
# Short Distance UHF-RTU



Remote Monitoring & Control for short distances (less than 2 km) is often a requirement for the "last mile" applications. Sensors such as levels, pressure, flow, temperature etc and controls such as valves and electrical motors, pumps, generators are often a distance away from the Remote Terminal Unit (RTU). The WWAT-TX/RX module is ideal to bridge this short distance wireless communication between RTU's and sensors/controls. Typical example:



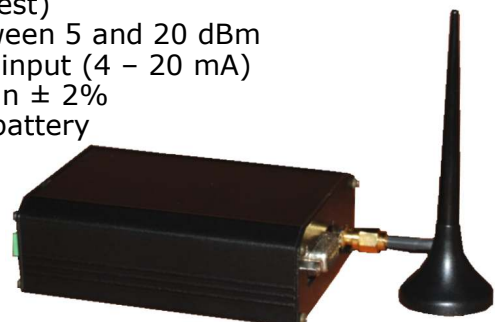
ESS short distance UHF transceiver-RTU (ESS-UHF-RTU):



### ESS-UHF-RTU features:

- Operates in Licensed Free Frequency band of 868 MHz (Other frequency bands between 270 - 930 MHz will be on request)
- RF Output Power adjustable in 3 db steps between 5 and 20 dBm
- 2 Digital Inputs, 2 digital outputs, 1 analogue input (4 - 20 mA)
- Analogue input 10 bit A/D, accuracy better than  $\pm 2\%$
- Low power consumption and build in standby battery
- Compact design: 90 x 68 x 33mm (l x h x w)
- Plug in connectors for IO's
- SMA connector for RF antenna (GSM Type)
- RF Receiver sensitivity -121dBm
- RS232 port for ESS telemetry applications

For more information contact your local dealer



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