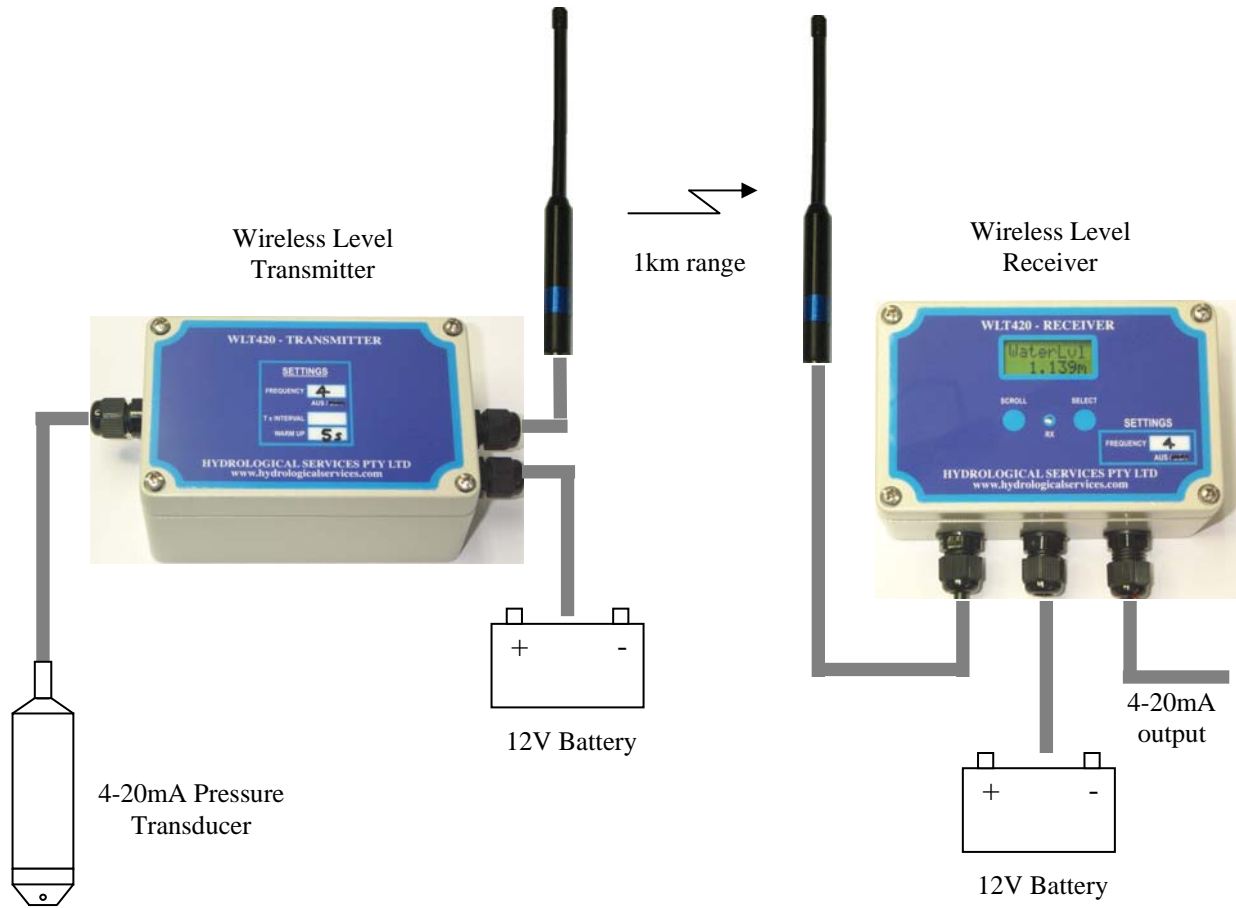


## Wireless Level Transmitter Model WLT420

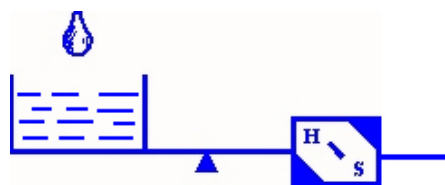


**WLT420**

- **Wireless, up to 1Km range**
- **Radio Frequency AUS/USA**
- **Waterproof Housing IP67**
- **Low Power Consumption**
- **Display the water level, current measurement and other**



CERTIFIED QUALITY  
MANAGEMENT SYSTEM  
— ISO9001 —



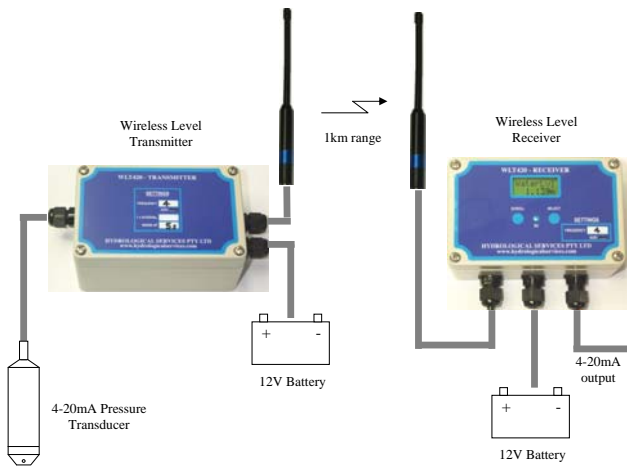
# HYDROLOGICAL SERVICES PTY LTD

Design, Development & Manufacturing of Scientific Instruments & Equipment for Water Level, Water Flow & Meteorology

## DESCRIPTION:

The Hydrological Services Wireless Level Transmitter WLT420 has been designed using surface mount technology to provide a very small, ultra low power and reliable wireless 4 to 20mA transmitter / receiver pair that can be used in harsh environments for extended periods.

The Wireless Level Transmitter's primary purpose is to periodically measure a 4-20mA transducer, and to wirelessly transmit the measurement to a different location and reproduce the 4-20mA signal. This is done with a very low power consumption (typically 150uA while asleep) which makes it ideal for remote sites where long battery life is important. The receiver also has an LCD to display the water level, current measurement and other parameters.



*Wireless Level Transmitter*

## SPECIFICATION:

**Transmitter Inputs** 4-20mA Input (12 bit resolution: 256 samples over 1 sec)

**Receiver Outputs** 4-20mA Output (16 bit resolution)

### Indicators

*WLT420T- Transmitter* - Status LED indicator

*WLT420R -Receiver* – Status LED + 8 char x 2 line LCD

### Controls

*WLT420R- Receiver* – Scroll + Select pushbuttons

**Connections** Screw less Terminals

**Radio Frequency** US 905.5 to 912.5MHz  
AUS 917.5 to 924.5MHz

**Transmit Power** 10mW

**Range** 1km (0.62 miles) line of sight

**Dimensions** 125mm x 80mm x 57mm  
(L x W x D)

**Weight** 600 grams

**Environmental** -40C to + 70C at 95% RH  
Non Condensing

**Enclosure:** Aluminium waterproof housing  
IP67

**Note:**  
Specifications are subject to change at anytime without notice.

## HYDROLOGICAL SERVICES PTY.LTD.

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