

**INSTRUMENTS**

KJ's SmartLink (KJ's-200)

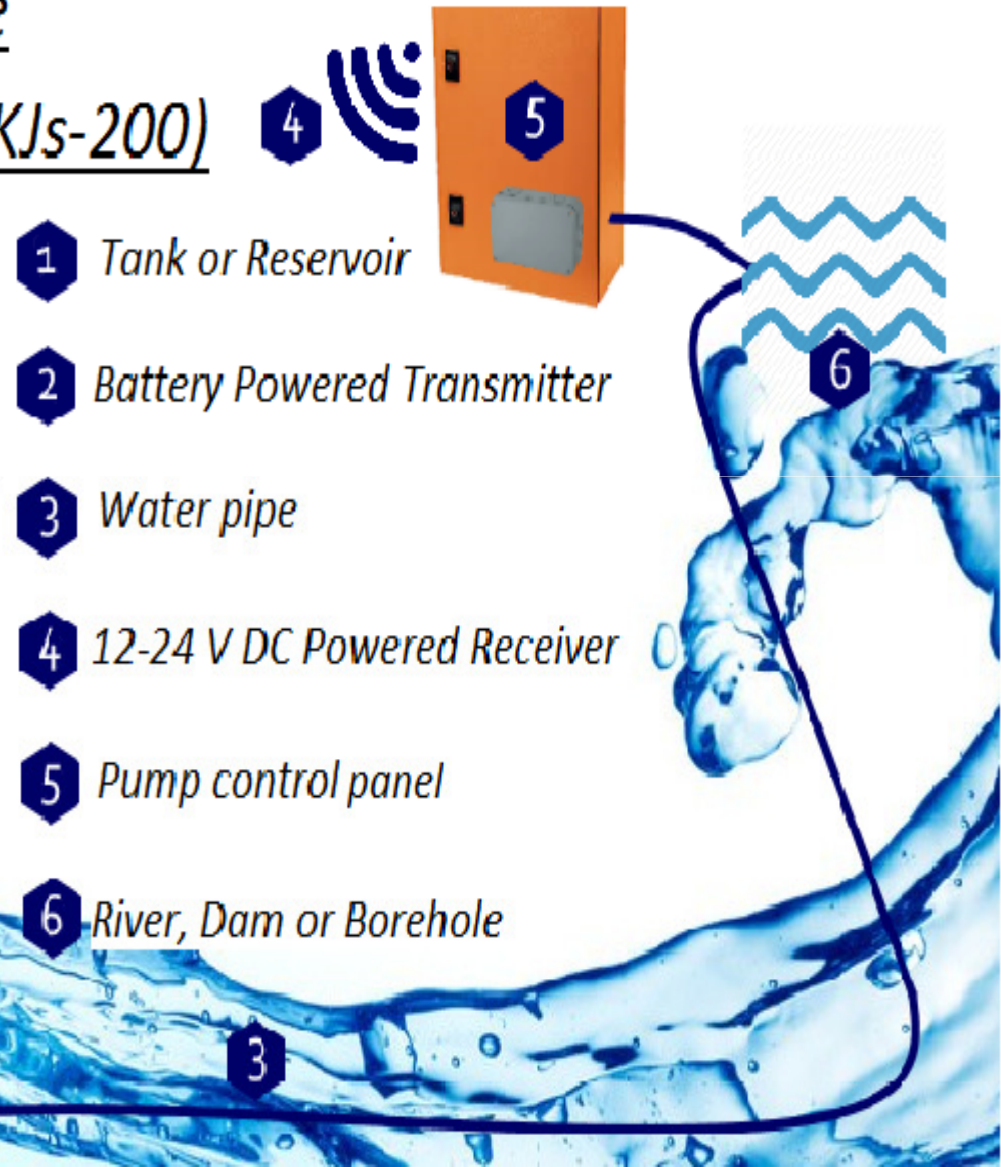


## No need to run a cable between tank and pump

With the

KJ's SmartLink (KJ's-200)

*Features:*  
- 2/3 years battery life  
- +/- 4km Range



- 1 Tank or Reservoir
- 2 Battery Powered Transmitter
- 3 Water pipe
- 4 12-24 V DC Powered Receiver
- 5 Pump control panel
- 6 River, Dam or Borehole

# Transmitter

- Powered by a 3.6V lithium battery.
- Battery life: 2 to 3 years under normal conditions
- Frequency 868 MHz ISM (licence free) band
- Dry contact (not powered)
- No power required at control relay
- Easy to install
- IP67

# Receiver

- Power supply: 11 to 30V DC – 150mA maximum
- Relay output: maximum voltage 250 V AC or 30 V DC, maximum current 1A
- Frequency 868 MHz ISM (licence free) band
- Easy to install
- IP67

# Operation

- When the contact to the TRANSMITTER is CLOSED, the state is sent to the RECEIVER which turns ON the RELAY output
- When the contact to the TRANSMITTER is OPEN, the state is sent to the RECEIVER which turns OFF the RELAY output
- The TRANSMITTER contact's state is sent to the RECEIVER when the state changes and every thirty minutes. This prevents the RECEIVER being in the incorrect state due to power cuts

# Range

- Application dependent
- 1.5 km with a clear line of site
- +/- 4km with a high gain antenna and reasonable line of site
- Up to 1km with reasonable line of site
- Up to 1km with high gain antenna and no line of site
- Note: The above are guidelines based on existing applications

# Optional Extras

- **Meanwell transformer,**
  - Supply = 230 V AC
  - Output = 24 V DC
  - DIN rail mounting
  - Recommended power supply for receiver
- **3.6V Lithium Battery**
- **High gain antenna**
  - Magnetic base



# Applications

- Pump control
- Alarm control
- Level control
- Indication
- Flow control
- Temperature control
- & many more





# Contact Details

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