

JWS Series

Water Sludge Sensor

FEATURES

- » It can sense water level and mud level simultaneously.
- » The water level and mud level can be directly read.
- » Immersive installation makes it resistant to pollution and mud.
- » Each meter is 1m long and multiple meters can be connected in series.
- » RS-485 communication, ModBus protocol.

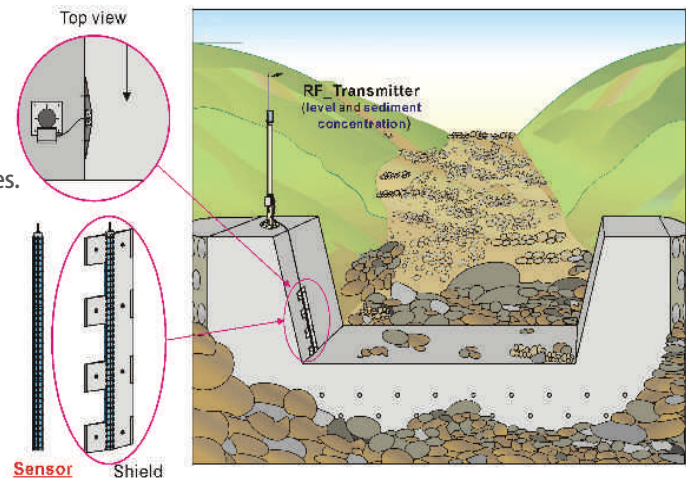
APPLICATION

- » Sensing of river/monitoring well/intercepting station/manhole underground/environmental flooding.

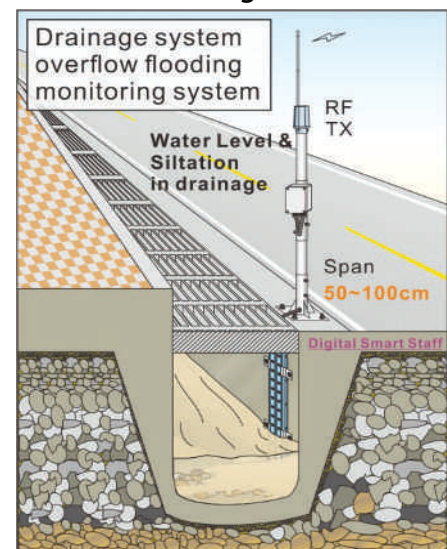
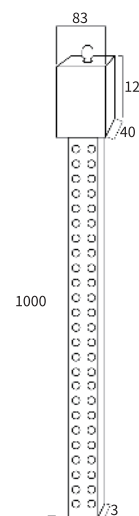
SPECIFICATION

Measuring principle	Piered Bump-flattening sensor; No sensing element
Range	100 cm
Sensor material	Stainless steel SUS304; Space length of electrodes: 18mm
Resolution	Pitch is 4cm, and the second layer starts to sense water level
Operating temperature	-10°C ~ +60°C
Power	DC-12V
Communication	RS-485
Material of case	PC+ABS
Operating principle	Reading the resistance of all electrode of sensors
Sense and read	Direct digitization; No error
Numerical accuracy	Resolution 0.1% .
Accuracy	Water level ± 1 cm. Silt mud level ± 4 cm
Output option	Single water level: water level + mud level
Size	Length 100cm, Depth 3cm

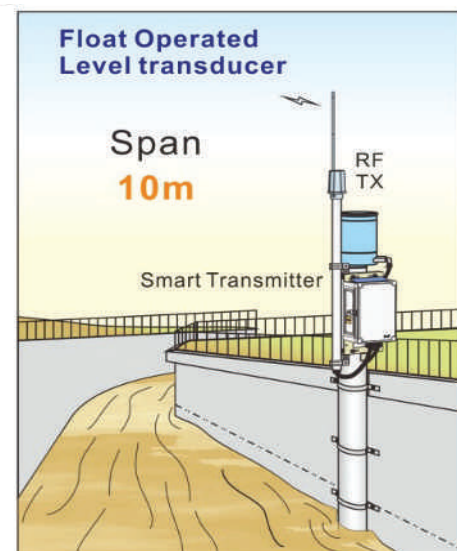
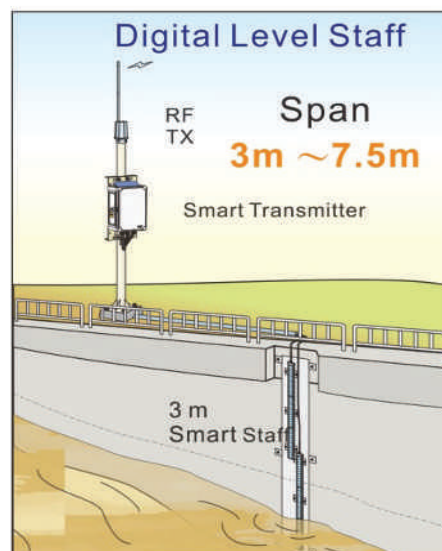
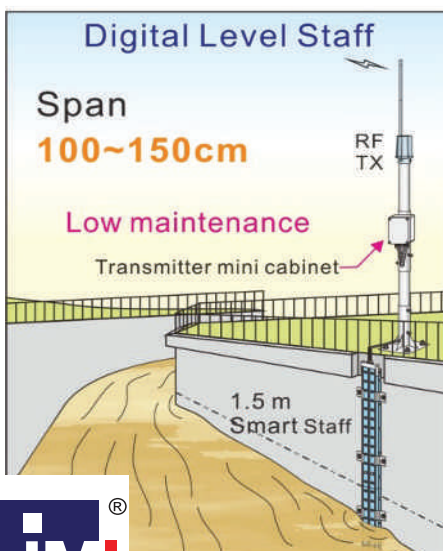
Early Warning- Debris Flow Monitoring Station on open check dam



Sediment Warning



Flood Monitoring Station

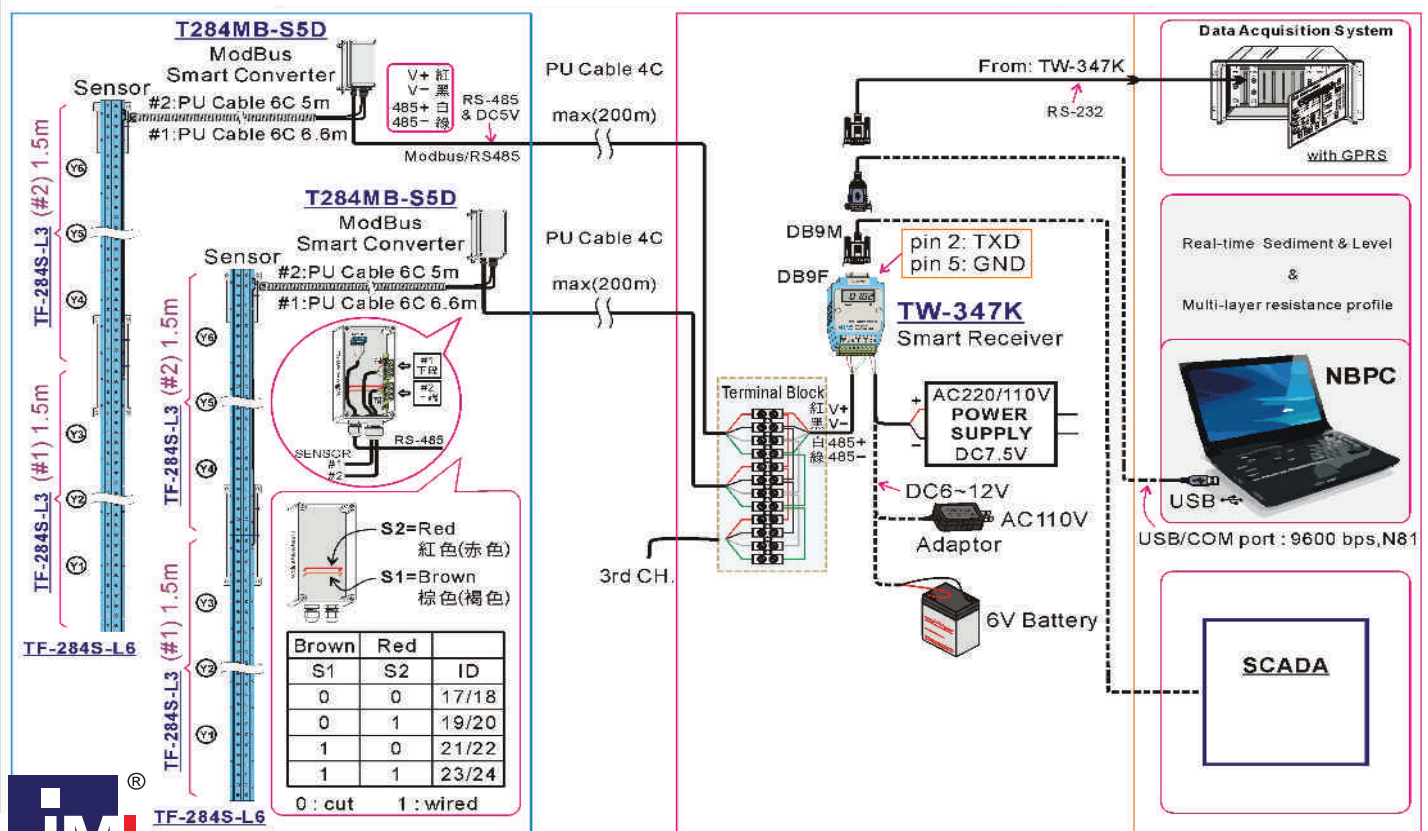


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Water Sludge Sensor Job Reference



Multi-channel Sediment & Level Monitoring System



JMI - Simavis