LoRa / RS485 & 5 Ports AUX In / Out

GATEWAY

WW-3D28

LoRa Gateway
RS485 & 5 Ports AUX In / Out

- LoRa Wireless data link provide stable data stream.
- Wide voltage operation for Industrial applications.
- High output RF Power and high sensitivity provide more than 40KM transmission distance.
- Multi-Interface support RS-485 / Analog or Digital Input / Digital Output.
- AUX Power output for general purpose such as plug-in sensor, or other sub system.
- Software setting function such as Frequency / ID / P2P / Group / Broadcast / Power output ....
- Resist the water, dust, temperature and shock and meet with the IP68 standard.
- Analog Input Support 0~10 V / 0~20 mA / 4~20 mA / ADC (0~10 V).
- Modbus command for Analog Input / Digital Input / Digital Output / DC Output.
- Digital Output support PWM / Latch Mode.
- AUX I / O support remote setup / status inquiry function.

WATER PROOF

Wintec® wireless electronics

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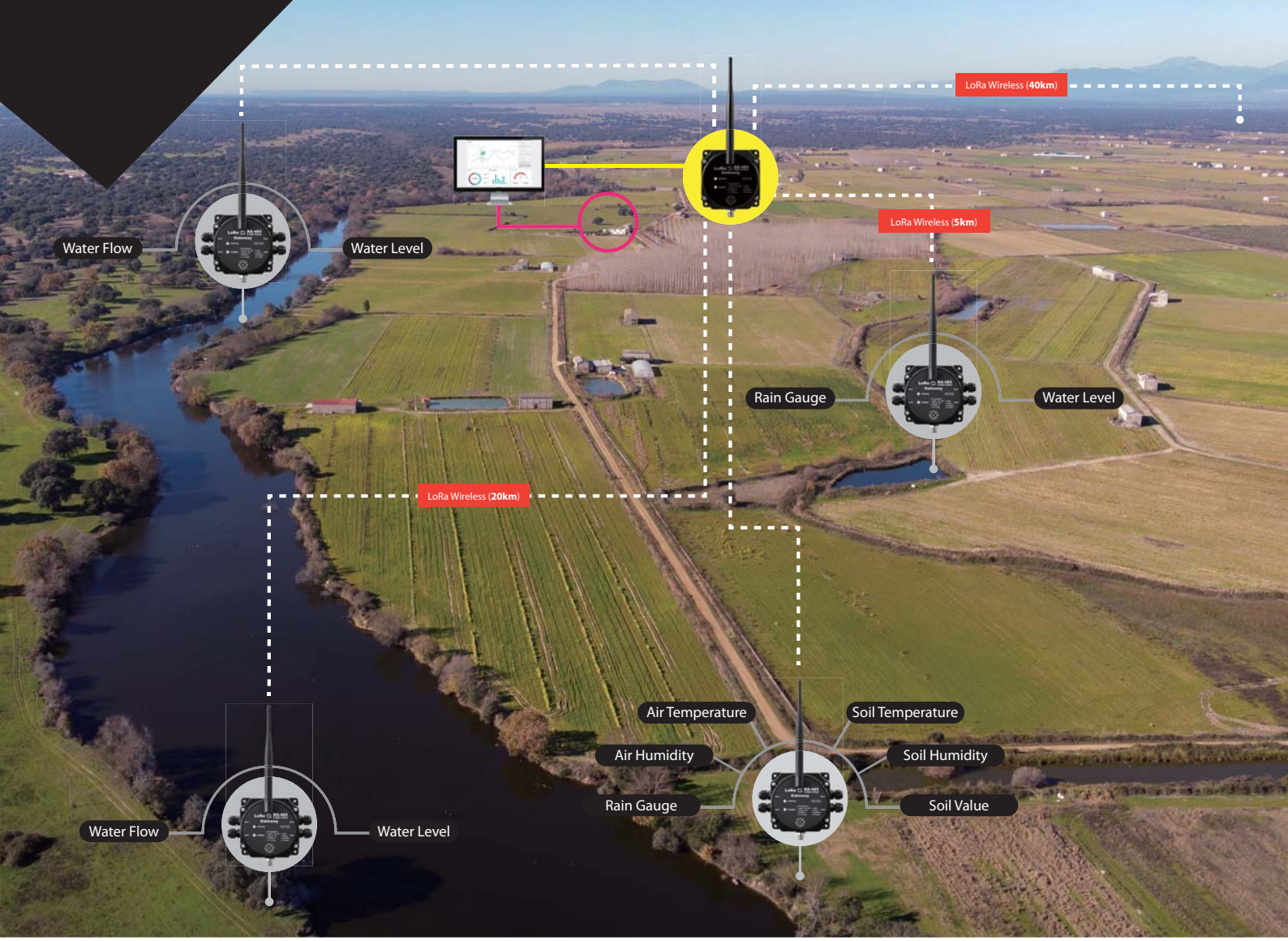

WW-3D28	
Product Type	Outdoor
Air Stream Protocol	LoRa Wireless Protocol (No support LoRaWan)
Operating Frequency Range	410 ~ 525MHz / 862 ~ 1020MHz(According to the local regulatory compliance.)
Sensitivity	Up to -136dBm@SF=7 / 10.4K bandwidth
Transmit RF Power	Maximum 2W
Interface	RS-485 x 1 / Analog or Digital Input x 5 / Digital Output x 5
RS-485 Protocol	Modbus RTU
Serial Interface Baud Rate	1200bps / 2400bps / 4800bps / 9600bps / 19200bps / 38400bps / 57600bps / 115200bps / 230400bps
Analog Input	Analog Input Support 0~10 V / 0~20 mA / 4~20 mA / ADC (0~10 V)
Digital Input	Digital Input Support High / Low Signal Judge
Digital Output	Digital Output Support PWM / Latch Mode
Operating Temperature	-40°C ~ 85°C
Topology	Broadcast / Group / Peer to Peer
Main Unit Dimensions	10 x 10 x 4.8 cm (Not include antenna and external connect)
Weight	250 g
Waterproof	IP 68
Input Power Supply	12V ~ 36V DC / 1A
Output Power Supply	Main Port: 10V DC / 100mA (Max.), AUX2~AUX5: 10V DC / 50mA (Max.)
Power Consumption	24V 15mA @868 / 920MHz receive, 24V 400mA @868 / 920MHz transmit 2W
Special Specification	Flame Retardant

* Specifications are subject to change, in the interest of technical improvement, without notice or obligation.

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