

XM8138L

LoRaWAN Wireless Water Immersion Sensor with Built-in Lithium Battery User Manual

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XM8138L using the standard ,easy access to PLC , DCS and other instruments or systems for monitoring flooding state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized

RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	XUNCHIP
Detection Carrier	Water or Rain
Output signal	switching or RS485 or RS485 & switching
Maximum transmit power	MAX 20dBm
Operating frequency	410-441MHz Default 470MHz
Work mode	ABP mode
Communication Way	LoRaWAN
Sleep battery	<8uA
Max Current	<150mA
Get data interval	900 seconds
Built-in battery	lithium battery inside
Standby duration	2 to 5 years (collected every 30 minutes)
Power	DC5V 1A
Running temperature	-30~80℃
Working humidity	5%RH~90%RH

Product Size



In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.

How to use?

Temperature and humidity sensors can be widely used in environmental monitoring, agricultural production, warehouse storage, production workshops, construction projects and other measurement fields.



Warehouse storage



Environmental monitoring



Agricultural production



Production workshop



Construction



Breeding environment

Product List



**1 set of LoRaWAN water immersion sensors
will be shipped according to the user's choice**

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Contact Us

Brand: XUNCHIP

Address: Room 208, Building 8, No. 215, Nandong Road, Baoshan District, Shanghai, Xinxin Brand Business Department

Chinese site: <http://www.xunchip.com>

International site: <http://www.xunchip.com>

SKYPE: soobuu

E-mail: sale@sonbest.com

Tel: 86-021-51083595 / 66862055 / 66862075 / 66861077

