

QL5090

LORA wireless data module

User Manual

File Version: V23.2.26



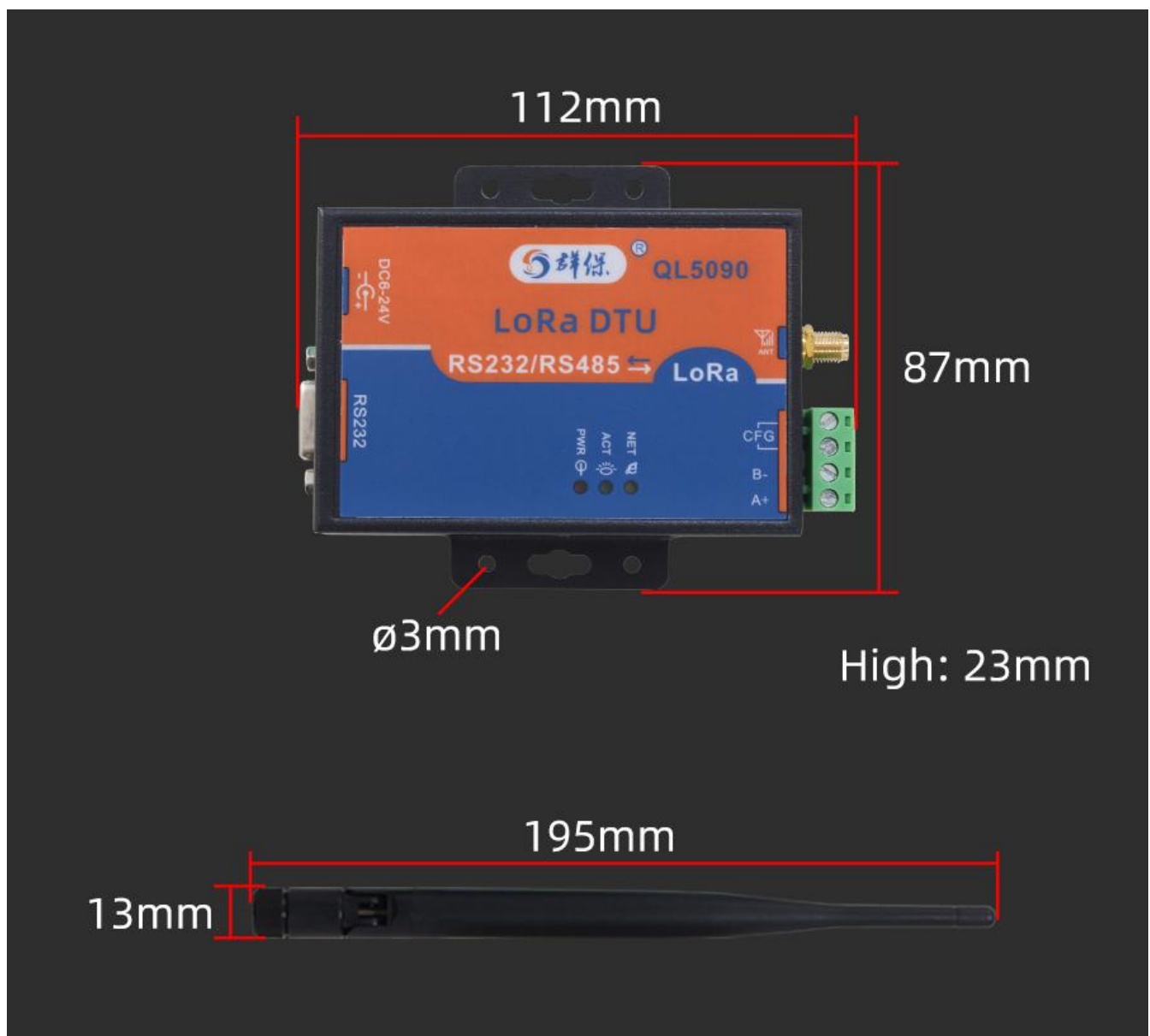
QL5090 using the standard USB,easy access to PLC, DCS and other instruments or systems for monitoring LORA state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized

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

Technical Parameters

Technical parameter	Parameter value
Brand	TRANBALL
Wireless signal	LORA
Radio frequency	410~439MHz
Rate level	0~5
Transmit power	5~20dBm
Communication Interface	USB
Default baud rate	9600 8 n 1
Power	DC5V 1A
Running temperature	-30~85℃
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.

Application solution

COMBINATION SET RECOMMENDATION



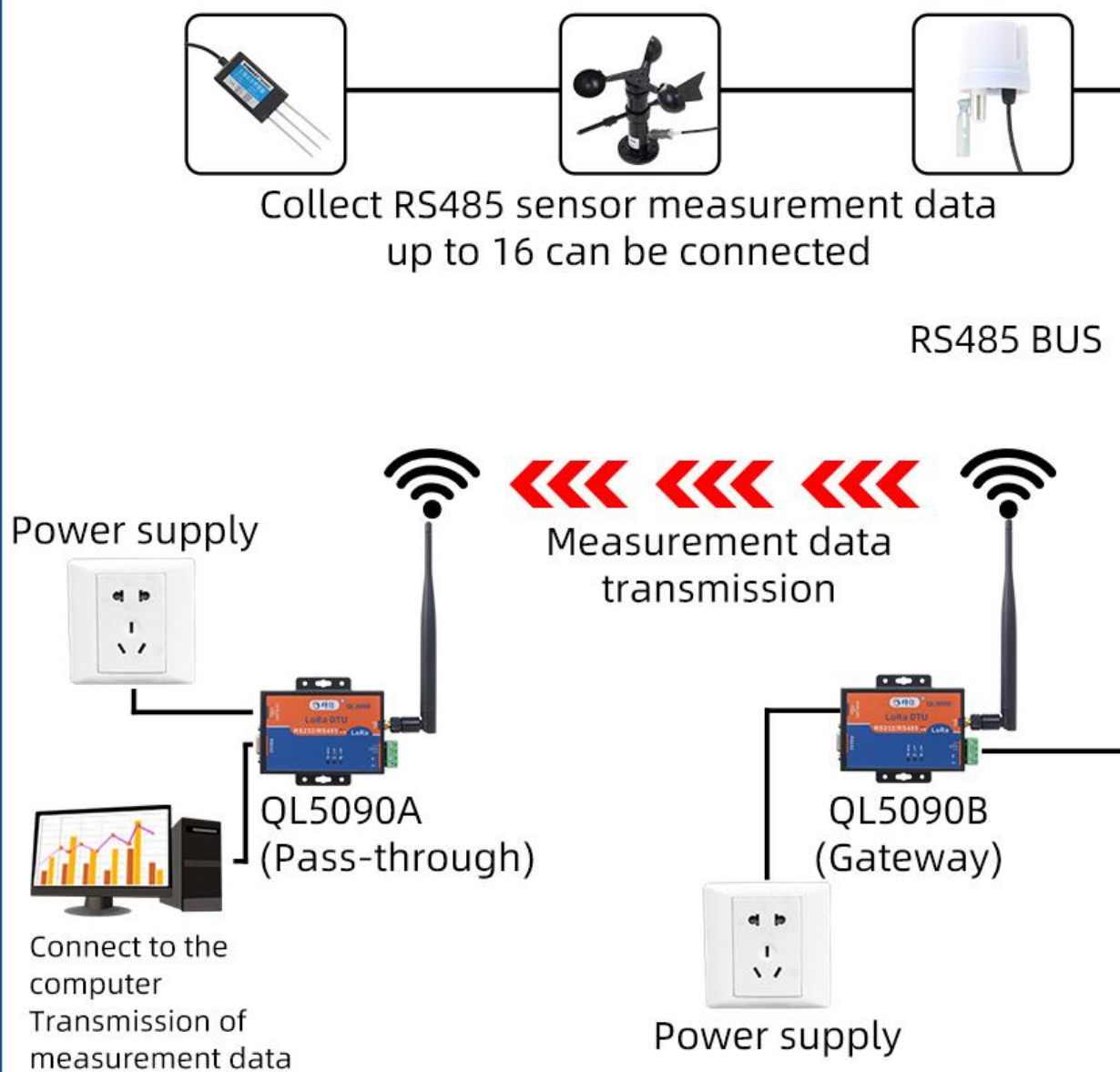
Two QL5090A (for receiving and sending data)

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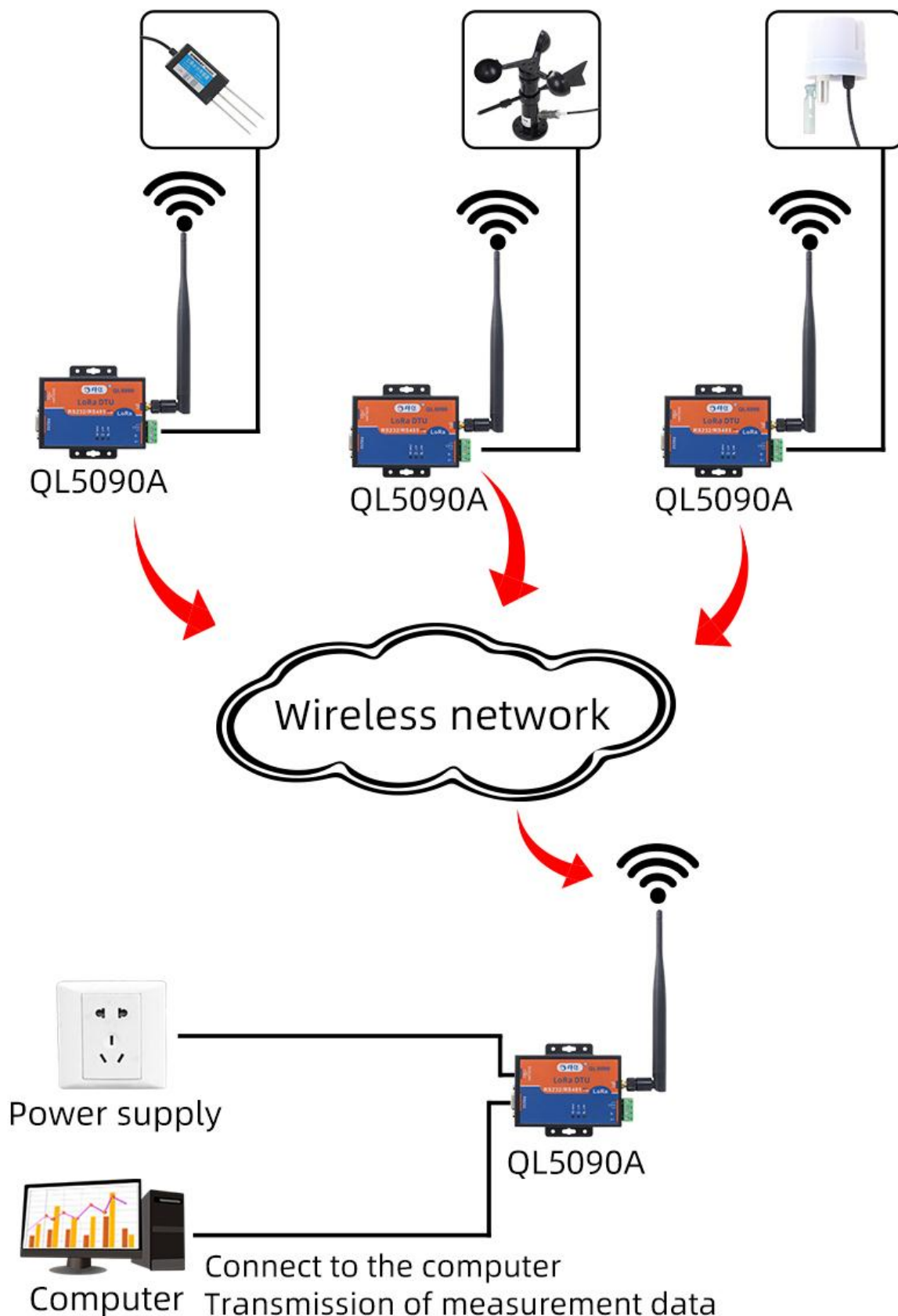
Any RS485 sensor

■ GATEWAY SOLUTION



■ PASS-THROUGH SCHEME

Every QL5090A needs to be connected to the power supply



How to use?



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