JNC

戶外型藍芽網路感測及接收系統

Outdoor BT Mesh Server & BT Mesh client system

OBT

[Features]

- Standard Bluetooth 5.0 BT Mesh, wireless with no cabling.
- Every unit is a relay; data travels over multiple paths.
- Wireless signal reaches across rooms and floors.
- Node spacing 20~30 m indoors, 70 m outdoors.
- 10+ hops to easily extend monitoring coverage.
- One receiver handles up to 30 temperature signals.
- Carries any Modbus device over the wireless link.
- AES-128 encrypted transmission keeps data secure.
- Battery or external power, only 180mW.
- Optional dry contact input for on/off status.
- Optional magnetic mounts for quick, drill-free setup.



OBT-S Sensor



OBT-R Repeater



OBT-C Receiver

[Applications] Greenhouses, aquaculture, flood control, general monitoring

[Model Selection]

OBT – Code 1 – Code 2 – Code 3

Code 1	Function	Code 2	Power	Code 3	Connector
C	Receiver	N	9~36VDC	N	Cable gland
				C	Quick connector

Code 1	Function	Code 2	Power	Code 3	Connector
R	Repeater	B1	10,000mAh battery	N	Cable gland
DI	Dry contact input	B5	50,000mAh battery	C	Quick connector
		5V	Power supply		

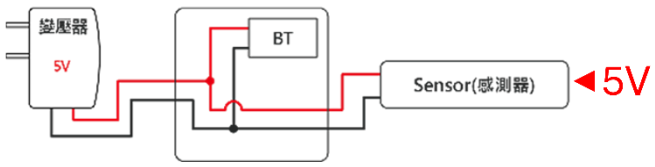
※No battery option with control

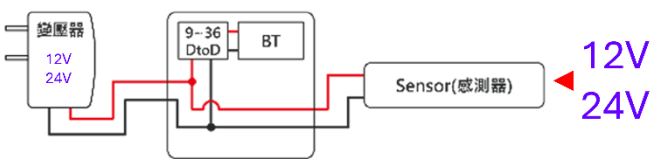


50,000mAh battery

252x175x60(WxHxD)

Code 1	Function	Code 2	Power	Code 3	Connector
S	Sensor (Transparent)	5V	Shared 5V adapter	N	Cable gland
		12V	Shared 12V adapter	C	Quick connector
		24V	Shared 24V adapter		





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[Specifications]

Power	110~220VAC or battery (optional) ◆180mW
Communication	RS-485 transparent / BT Mesh, 2.4GHz
Signal input	RS-485 or optional temp. & humidity sensing
Dimensions	82.5x82.5x60.2(mm) LxWxH
Weight	OBT-C 190g OBT-S 358.5g
Patent	Utility Model Patent No. M594326
Origin	Taiwan

※Sold separately

[Mounting Accessories]

Model	Contents	Specification	Image
ETM Threaded magnet kit	Magnet ×4 Flange nut ×4	Size: Ø14×H12mm Thread: M4×L5mm	