

Data Logger

The Osmart Solutions Data Logger supports NB-IoT/ Cat-M and it's designed for M2M and IIoT applications. With UART, RS485, WiFi, BLE interfaces, the Data Logger integrates IoT sensors to collect and data for data acquisition and transmission. By associating with Osmart Solutions cloud platform, which supports easy configuration, installation and deployment for smart city IoT network.



Product Spec

Cellular Protocol	NB-IoT/Cat M (3GPP Release 13)
Operating LTE Bands	Band 1/Band 3/Band 5/Band 8/Band 20/Band 28
Internet Protocol	TCP/UDP/MQTT/MQTTS/Line Notify
RAM	32MB
Flash memory	16MB
UART Interface	Baud rate: 300bps to 4Mbps (default: 115200bps)
Serious Interface	RS485: A, B, GND UART: RXD, TXD, GND
LED	Green: DATA, connection, POWER
Button	RESET
Power Adaptor	Input AC100 ~ 240V, 50/60 Hz, 0.5A Output DC 5V/2A
Power Input	DC 5 ~ 24V/2A
Operation Temperature	-20°C ~ +70°C
Storage Temperature	-40°C ~ +85°C
Relative Humidity	0 ~ 95%
Dimension	70 x 90 x 30(L x W x H)
Weight	250g

FEATURES

數據紀錄器

全穎智聯的 Data Logger 系列為針對M2M物聯網應用開發的產品，使用 NB-IoT/Cat-M (LoRaWan option) 作為傳輸介面，產品具有 UART、RS485、WiFi、BLE等介面，可以整合多數物聯網感測器，並進行資料的收集，在後端整合 Osmart 雲平台，是一個輕型方便大量部屬的物聯網裝置。



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Serial 介面	RS485: A, B, GND UART: RXD, TXD, GND
LED 顯示	Green: DATA, connection, POWER
按鈕	RESET
Power Adaptor	Input AC100 ~ 240V, 50/60 Hz, 0.5A Output DC 5V/2A
電源輸入範圍	DC 5 ~ 24V/2A
操作溫度範圍	-20°C ~ +70°C
儲存溫度範圍	-40°C ~ +85°C
濕度範圍	0 ~ 95%
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