

EM300-DI



Pulse counter

Attractive and Compact Design for Indoor and Outdoor usage

EM300-DI is a compact pulse counter that transforms traditional meters into wireless intelligent meters.

EM300-DI Stores more than 2'200 historical records and support retransmission to prevent data loss.

In addition, it measure temperature and humidity.

With IP67 waterproof design, it can be applied in harsh application environments.

EM300-DI applies 1 × 4000 mAh battery providing more than five-year battery life.

EM300-DI is equipped with NFC for easy mobile app configuration (Android and iOS).

USB-C is available for configuration via Notebook.

EM300-DI is compliant with standard LoRaWAN[®] gateways and network servers

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Wireless transmission

Technology	LoRaWAN®
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
Tx Power	16dBm(868)/20dBm(915)/19dBm(470)
Sensitivity	-147dBm @300bps
Mode	OTAA/ABP Class A

Pulse input

Port	1 × GPIO Interface, Digital input
Cable length	1 meter (Can be customised)
Applicable meters	Reed switch meters or any other passive pulse meters

Temperature

Range	-30°C to + 70°C
Accuracy	0°C to + 70°C (+/- 0.3°C), -30°C to 0°C (+/- 0.6°C)
Resolution	0.1°C

Humidity

Range	0% to 100% RH
Accuracy	10% to 90% RH (+/- 3%). Below 10% and above 90% RH (+/- 5%)
Resolution	0.5% RH

Specifications are according to the manufacturer and might change without any notice

Sing Go Tech

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Physical characteristics

Power supply	1 × 4000 mAh ER18505 Li-SOCL2 battery Extendable to 2 batteries
Battery life at 10 min interval	>5 years (SF10) 12 pulse counts per day. For guideline purposes only!
Operating Temp.	-30°C to +70°C
Relative humidity	0% to 100% non-condensing
Ingress protection	IP67
Dimension	88.5 × 85.3 × 27 mm (3.48 × 3.36 × 1.06 in)
Installation	Wall mounting

EM300 family members



EM300-MCS
magnetic contact switch



EM300-SLD
Spot leakage detection



EM300-ZLD
Zone leakage detection

You will find details on the above EM300 variants at our web-site www.singgotech.com