

Detay DCU01DTY

Remote Terminal Unit Gateway



General Specifications

Product Code	DCU01DTY
Static Power	2.0 - 5.0W
Heartbeat Maintenance	Maintains network heartbeat, supports device connections
Dual Frequency	Dual-band communication, non-interfering transmission/reception
Support OTA Updates	Supports remote firmware upgrades
Aluminum Case	Waterproof (IP65) all-metal housing
Processor & OS	A7 processor, runs on Linux for stable operation
Wireless Technology	Sub1G license-free radio, no wires needed
4G & Global Connectivity	Built-in LTE-4G module, connects globally via TCP
Built-in GPS	Integrated GPS module for worldwide location tracking

Electrical Specifications

AC Input Voltage	96V-264V AC
Static Power	2.0 - 5.0W

Uplink Communication

Network Modes	LTE-TDD, LTE-FDD, WCDMA, GSM.
Bands	TDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B26/B28. FDD: B38/B40/B41 - WCDMA: B1/B2/B4/B5/B6/B8/B19 GSM: B2/B3/B5/B8
Transmission Power	23-30 dBm
Receiver Sensitivity	-98.5 to -101 dBm

Downlink Communication

Bands	820 MHz - 1011 MHz
Transmission Power	20 dBm
Receiver Sensitivity	-137 dBm
Communication Mode	Dual band communication, with separate frequency points for transmission and reception, ensuring no interference

Working Environment

Working Temperature	-40°C to +85°C.
Relative Humidity	5-95% (non-condensing)
Weight	1.6 KG
Dimensions	230 x 190 x 75 mm

Accessory List

Gateway	1
LTE Antenna	1 Omni-directional
RF Antenna	1 Sub1G Customized
GPS Antenna	1 GPS/Beidou

Conformity

CE-EMC and CE-LVD compliance	1
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