

LRWG-FC-ID-1

LoRaWAN Gateway

Wi-Fi - IEEE802.11b/g/n, Ethernet



WiFi Interface (IEEE802.11b/g/n)	
Item	Specification
Supported Standard and Protocol	IEEE802.11b/g/n, CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE
Frequency Range	2.4~2.4835GHz (13 channels)
System Service	Internal web server for browser to access
WLAN Security Mode	WPA2/WPA3
LoRa Interface	
Working mode	LoRaWAN 1.0.1
Frequency Band (MHz)	EU 868~870 / US 902~928 / India 865~867/ AS 923/ CN 470~510
Concurrent Channels	Up to 8 concurrent channels
RF Transceiver	SX1301 with SX127 or SX1255
Transmit RF Power	0.5W (up to 27 dBm)
RX Sensitivity	Down to -142dBm
Security	128-bit AES encryption algorithms
Physical Characteristics	
Other interfaces	1 LAN 10/100Mbps, 1 USB 2.0 for upgrade and 3/4G dongle, 4 LED indicators
Power Voltage	5V DC / 2A via mini-USB port
Antenna Type	Built-in Wi-Fi antenna 1 external SMA LoRa antenna
Dimensions	L:116 x W:91 x H27 mm
Weight (g)	160g
Environmental	
Storage Temperature	-10°C to +60°C
Operating Temperature	-10°C to +60°C (-10°F to +158°F)

* All specifications are subject to change without notice.

User Manual

