

MS-UG67-868M

LoRaWAN Gateway

Up to 2Km range

8 channels and connection to 2000
devices

Ethernet, WiFi communication

Degree of Protection IP67

GPS



Milesight

LoRaWan IoT Gateway

8 half/full-duplex channels

Supports connection to more than 2000 end devices

Communication range up to 2km in urbanized environments (15Km with direct vision)

Ethernet and WiFi

Built-in network server

Frequency 868MHz

Degree of Protection IP67

GPS

Specifications

Hardware	CPU: Quad-core 1.5 GHz, 64-bit ARM Cortex-A53 Memory: 512 MB DDR4 RAM Flash: 8 GB eMMC
Antennas	2x Internal Lora Antennas + 2x External N-female Connectors Internal Wi-Fi antenna Internal GPS antenna
Channels	8
Connected devices	2000 end devices
Frequency Band	868 MHz
Sensitivity	140dBm@292bps
Power Output	27dBm Max.
Protocol	V1.0 A-Class / B-Class / C-Class and V1.0.2 A-Class / B-Class / C-Class
Ethernet	1x RJ45 10/100/1000Mbps Base-T (IEEE 802.3) Full or Half-Duplex mode with auto-detection Auto MDI/MDIX
WiFi	IEEE 802.11 b/g/n
WiFi Transmission Power	802.11b: 18 dBm +/-2.0 dBm (11 Mbps) 802.11g: 15 dBm +/-2.0 dBm (6 Mbps) 802.11g: 15 dBm +/-2.0 dBm (54 Mbps) 802.11n@2.4 GHz: 14 dBm +/-2.0 dBm (MCS0_HT20) 802.11n@2.4 GHz: 14 dBm +/-2.0 dBm (MCS7_HT20) 802.11n@2.4 GHz: 13 dBm +/-2.0 dBm (MCS0_HT40) 802.11n@2.4 GHz: 13 dBm +/-2.0 dBm (MCS7_HT40)
GPS sensitivity	167dBm@Tracking, -149dBm@Acquisition, -161dBm@Re-acquisition
GPS accuracy	
Protocolos de Red	PPPoE, SNMP v1/v2c/v3, TCP, UDP, DHCP, DDNS,HTTP, HTTPS, DNS, ARP, SNTP, Telnet, SSH, MQTT, etc.
Tunel VPN	OpenVPN/IPsec/PPTP/L2TP/GRE/DMVPN
Autenticación de Acceso	CHAP/PAP/MS-CHAP/MS-CHAPV2
Firewall	ACL/DMZ/Mapeo de puertos/Enlace MAC/Filtro URL
Gestión	Web, CLI, SMS, Acceso telefónico bajo demanda, Hub, Milesight IoT Cloud
Fiabilidad	Conmutación por error de WAN
Funciones integradas	Watchdog, RTC, Temporizador
Alimentación	12VDC conector M12, PoE 802.3af, ? 4,8Max.
Temperatura de funcionamiento	-40°C a 70°C (Humedad relativa)
Temperatura de almacenamiento	-40°C a 85°C
Aislamiento ethernet	1.5kV RMS
Grado de Protección	IP67
Dimensiones	240 (Fo) x 164 (Al) x 90,9 (An) mm
Montaje	Pared o Poste
Otros	1x Botón de Reset 1x Puerto de consola Conector Tipo-C
Certificados	CE, FCC