

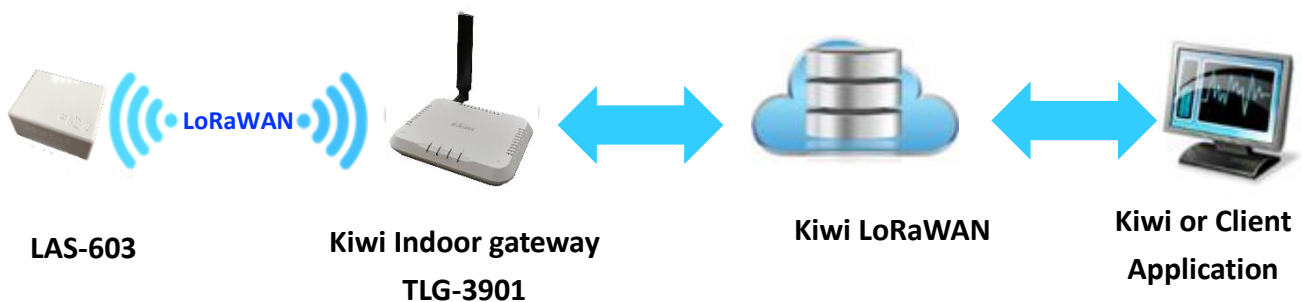
All-in-one Gateway

TLG3901B

TLG3901BL (with LTE version) Features and Specs

TLG39 Series is defined a light weight gateway that offer you a secured LoRaWAN network solution. The fine design is especially suit for home and office IoT applications. No matter where the gateway locates, it mixes in your decoration easily.

Based on Semtech SX1308/SX1257 and MTK MT8516A chipset designs, it offers LoRa, 2.4GHz wireless transmission and Ethernet for various connectivity. The configuration of website is designed from user's point of view and we make it easier for setting.



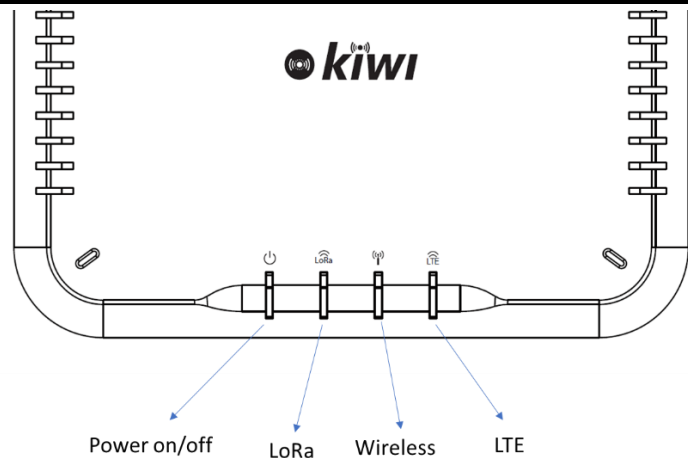
Features

- ◆ Light weight and fine design
- ◆ Wide variety of connectivity interfaces include LoRa, 2.4GHz wireless and LTE.
- ◆ Micro USB for power supply
- ◆ Standard USB for memory extension, 3G/4G dongle plug-in.
- ◆ Easy settings for user from web configuration

Application

- ◆ Smart home
- ◆ Smart office
- ◆ Smart classroom
- ◆ Smart mall

LED indicator



Power:

- ◆ Power on (Green),
- ◆ Factory default (Red)

Wireless:

- ◆ Wireless transmission on (flashing green)

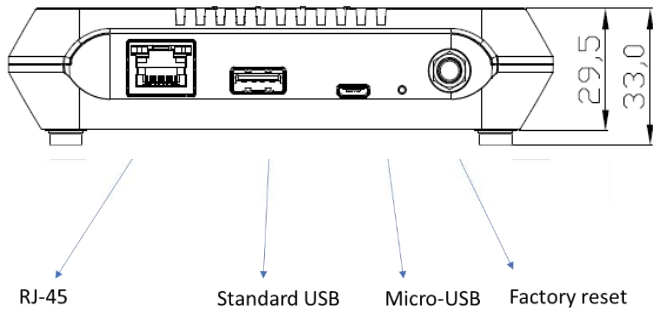
LoRa Status:

- ◆ Flashing green

LTE:

- ◆ Flashing green

I/O description



- ◆ RJ-45: Wired LAN connections
- ◆ Standard USB: External storage
- ◆ Micro-USB: Power by plugging into the USB power cable
- ◆ Factory reset button: Press the button for factory default reset

Specifications

RF Chip	Semtech SX1308
SoC	MT8516A ARM Cortex-A35
Frequency Range	920~928MHz for JPN LTE FDD: B1/B3/B8/B18/B19/B26 LTE TDD: B41 WCDMA: B1/B6/B8/B19
Flash	256MB
Memory	512MB
LoRa	Spreading spectrum
LTE (TLG3901BL only)	EC25-J
wireless transmission	2.4GHz
LAN	Ethernet 10/100
LoRa Antenna	2dBi
Wireless Antenna	4dBi
LTE Antenna (TLG3901BL only)	0 dBi@699~960 MHz; 2.6dBi @ 1710~2700 MHz
LED indication	PWR/LoRa Status/Wireless/LTE
Interface	RJ45 x1, Micro USB x1 (power) Standard USB 2.0 x1 (external storage)
Dimension (mm)	135.6 x 107.11 x 33.00 (include the rubber foot)
Operating Voltage	5V 2A
Operation Temp. / Storage Temp.	0~ 40°C /-20~ 70°C
Accessories in package	USB charging cable * 1; LoRa Antenna * 1
Accessories (optional)	USB power adapter Input: Universal 100~240 Vac/50 ~60 Hz Output: 5V/0 ~2A
Certificate	TELEC and VCCI