

A Contents of the package

Check the following items:

1. **GateManager unit**
2. **Power supply 12V**
3. **Ethernet Cross-over cable (for direct connection to a PC. For connection to a switch, use a standard Ethernet drop cable)**
4. **SMA Antenna (used only if enabling the SMS feature)**

Note: In order for this product to conform with the safety certifications, this product must be installed in a Restricted Access Location.

B. POWER

It is recommended to use the enclosed power supply.

If not using the included power supply, you must ensure the following specifications:

7 to 20V DC, about 4 to 6W, peak about 8W. Suggest a 18V / 15W supply. Center pin = positive, sleeve = ground, 2.1 mm diameter

C. Ethernet ports

Ports are 10/100 M/bit. Use standard CAT5 cables or higher to connect to a switched network. The ports are not auto-sensing cross over, so if connecting directly to a PC for configuration, you should use the enclosed cross-over cable.

The LAN port is used only for debugging and special configurations.

D SIM slot

The SIM slot takes a standard size mobile SIM card.

DO NOT INSERT OR EJECT THE SIM WHILE POWER IS APPLIED TO THE GATEMANAGER

E Antenna

The antenna connector is the Male type (standard polarity). The enclosed swivel antenna is a GSM 850/900/1800/1900Mhz type with 2dBi Gain.

You can connect another GSM antenna if you need higher gain, or relocation of the antenna to a better reception spot.

G USB Ports

USB ports are used for backup and restore.

The port supports a USB 2 compliant USB flash drive formatted for FAT 32. Recommend size is 4GB or more.

H LEDs

POWER:

- Power is applied to the main board.

ERROR LED:

- 1 blink / pause: Booting
- 3 blink / pause: Attention needed (e.g. configuration)

STATUS LED:

- OFF during boot
- ON when Server GUI is ready.

STATUS + ERROR:

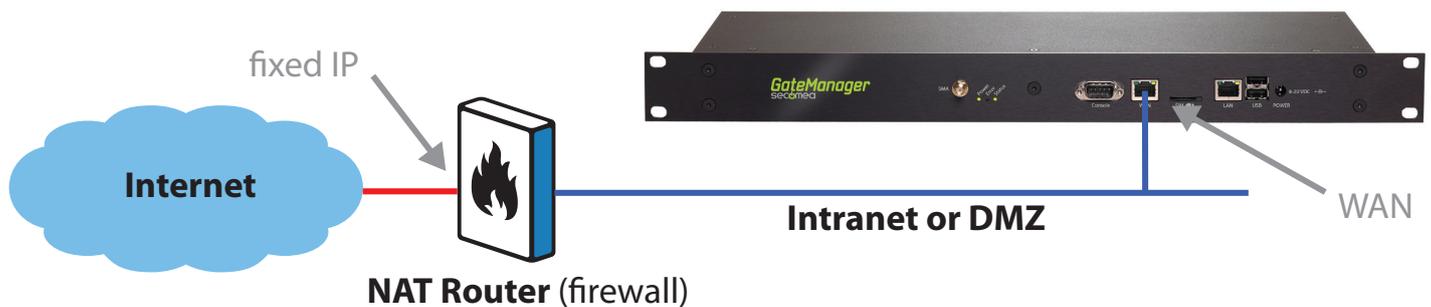
- Synchronous blink: File system check (takes approx. 5 min) every 20 reboot or a reboot after 180 days.

F Installation and Configuration

Download and follow the instructions in the Installation and Configuration guide. The guide is found in the Support section of the Secomea web site, or can be downloaded by this direct link:

<http://info.secomea.com/GM4250>

I Typical Installation (refer to the Installation and Configuration guide for details)



J Regulation Notices

GateManager unit:

This product has been tested for compliance with: EN 61000-6-2 • EN 61000-6-4 • FCC cfr part 15 • EN 61000-3-2/-3-12 • EN 61000-3-3/-3-11

This gives presumption of compliance for the protection requirements given in annex 1 of the EMC directive 2004/108/EC and the unit is CE-marked according to that directive.

Operation according to FCC Part 15 is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

About the included power supply:

The power supply is sourced by the company PHIHONG and complies to: cUL/UL • CE • TUV • C-Tick • SAA • CCC • FCC Class B • CISPR 22 Class B • UL listed (E127643)