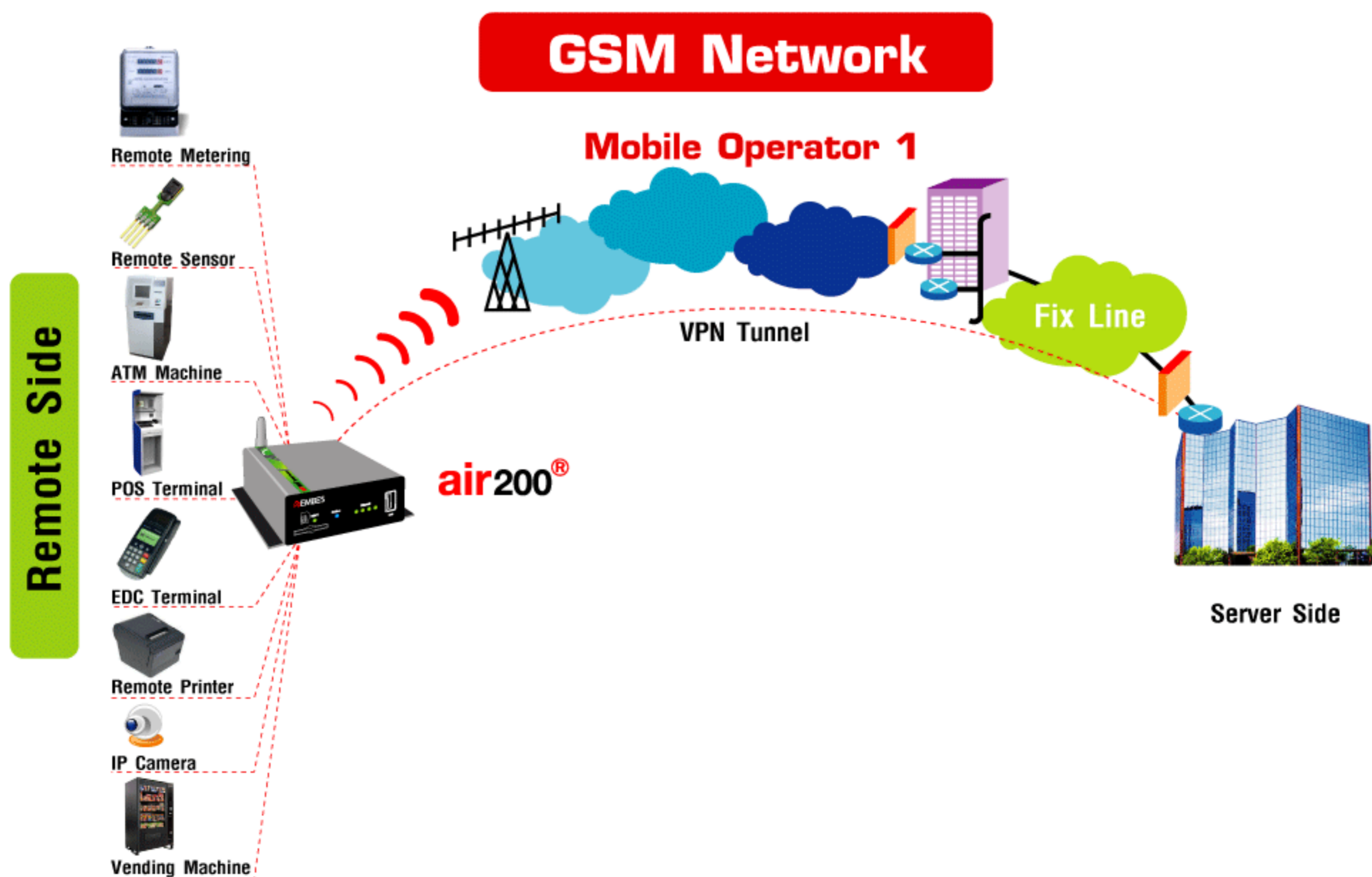




The **air200**[®] is a cost optimized model of industrial grade 2.75G Wireless WAN cellular routers, gateways and VPN appliances that provide secure high-speed wireless communication to any devices and remote sites. **air200**[®] can be used for reliable primary wireless WAN network communication to equipment at remote sites, as well as a backup for existing landline communications. They are also ideally to be used where wired networks (e.g. leased line, frame relay, MPLS, ADSL, ISDN) are not available, or where alternative network communications are required.

air200[®] platform are able to provide a primary Wireless WAN communication to the remote sites using the Ethernet and/or serial devices which protocols TCP/IP, ISO8583 (EDC application) and Modbus are provided, in addition, protocols also can be customized. This platform is flexible designed that can be integrated into the wide range of applications such as ATM Machine, EDC Terminal, Data Logger, Data Transferring between Headquarter and Branch, Retail/POS sites, new construction locations, temporary office. Its industrial design and Embedded System with low power consumption enhance you to use in the extreme environments.

For backup TCP/IP network, just integrate air200 into the remote sites network with existing router. This solution provides a truly diverse network communication for increased the network performance that require maximum uptime such as EDC application.



Hardware Feature **air200**[®]

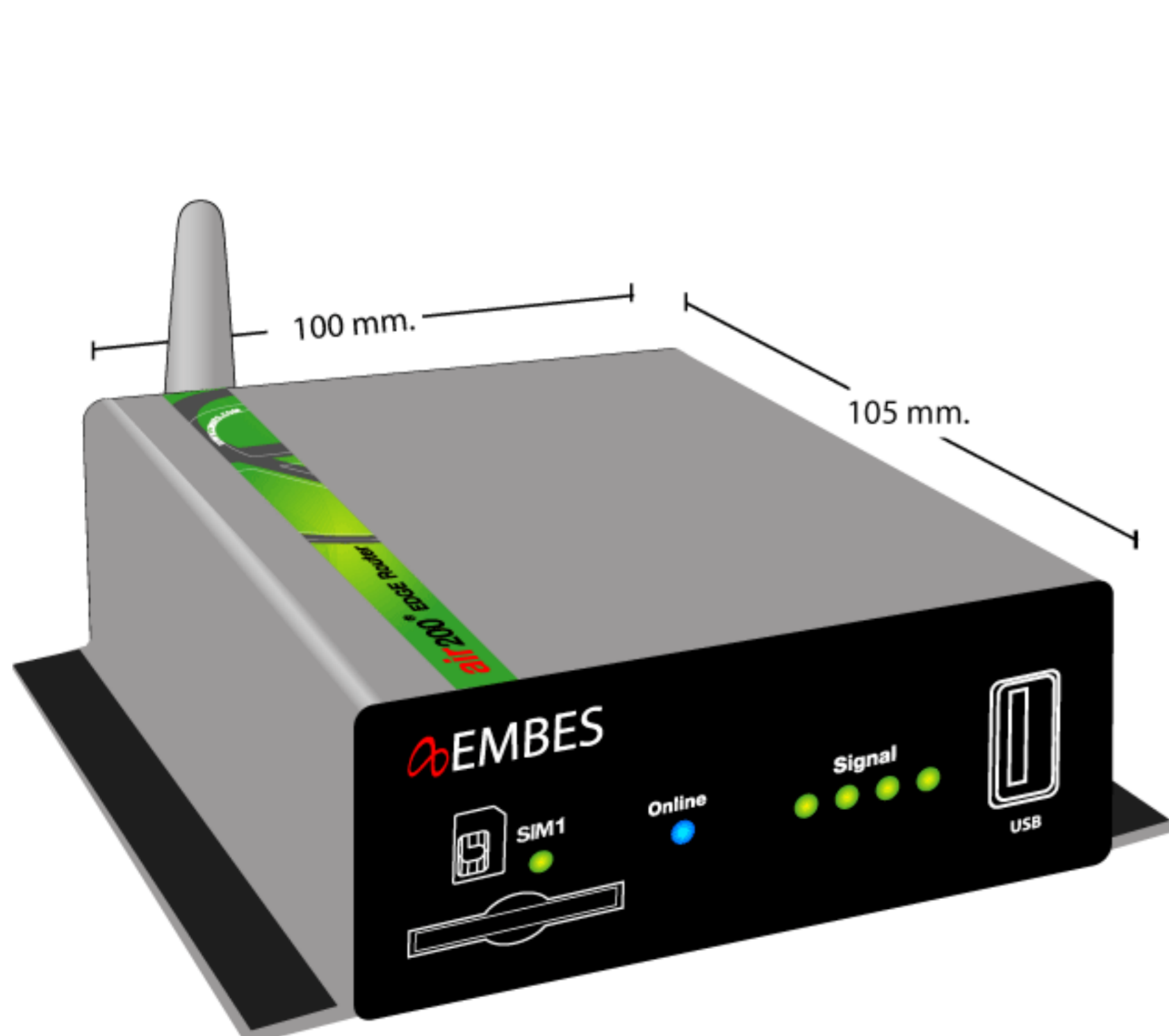
- ▶ CPU 32-Bit RISC Architecture
- ▶ 1 x Ethernet 10/100
- ▶ 1 x USB 2.0 port
- ▶ 1 x PUSH SIM Socket
- ▶ 1 x Serial Port
- ▶ LED Status
 - Power / SIM Online
 - SIM Status
 - Signal Strength
- ▶ Real Time Clock
- ▶ Hardware Watchdog

Environmental

- ▶ 50 Ohm SMA Connector
- ▶ Standard Antenna 2 dBi gain (optional : High Gain Dipole 14 dBi and Yagi 17 dBi)
- ▶ Operation Temperature -25°C to +70°C
- ▶ Storage Temperature -45°C to +85°C
- ▶ Relative Humidity 5% to 95% (non-condensing)
- ▶ AC Adapter 5V 3A
- ▶ Dimension (WxDxH) 105x100x28 mm.
- ▶ Weight 300 g.

Order Information

- ▶ air200CI : CINTERION Module, GPRS Class 12 / EDGE Class 10
- ▶ air200WA : WAVECOM Module, GPRS Class 10 / EDGE Class 10
- ▶ air200SI : SIMCOM Module, GPRS Class 12 / EDGE Class 12



Software Feature and Protocols Supported

- ▶ DHCP
- ▶ NAT Static and Dynamic
- ▶ TCP Port Forwarding
- ▶ Dynamic Routing (RIPv2 and OSPF)
- ▶ IPIP/GRE Tunneling
- ▶ Multiple Tunnel Support

Management and Configuration

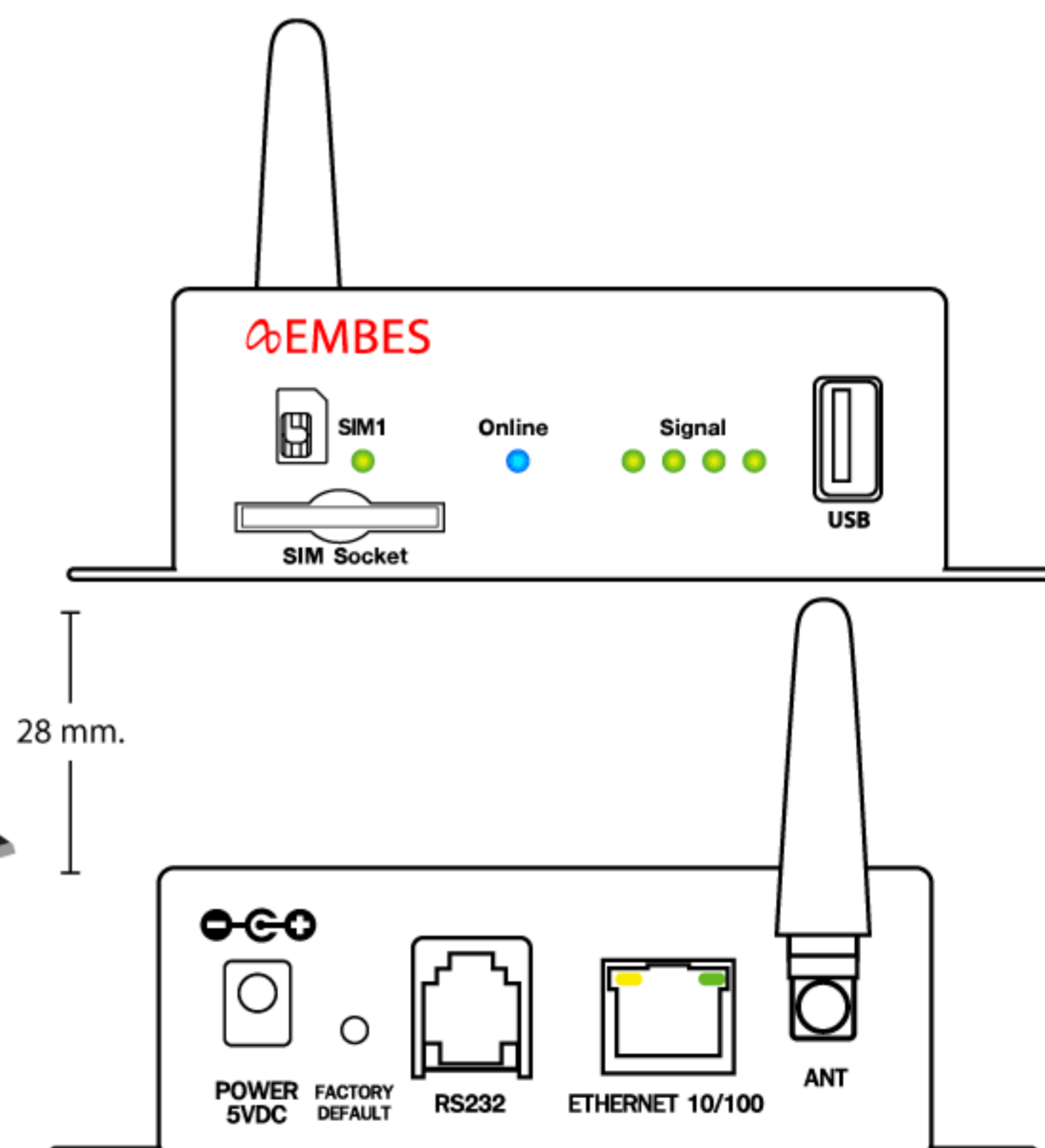
- ▶ SNMP V1, V2
- ▶ Web based
- ▶ SMS Reset

Wireless Carrier Specification and Certification

GSM GPRS/EDGE

- ▶ Quad band 850/900/1800/1900 MHz
- ▶ GPRS Throughput up to 80 kbps
- ▶ EDGE Throughput up to 240 kbps
- ▶ CE0682, European Parliament Radio Equipment
- ▶ UL 60950, for electrical safety
- ▶ FCC Part 22 and Part 24
- ▶ Canadian RSS133

Note : SIMCOM Module just have China RTE Certify



air200 Datasheet REV1.0 / Create on June 09