

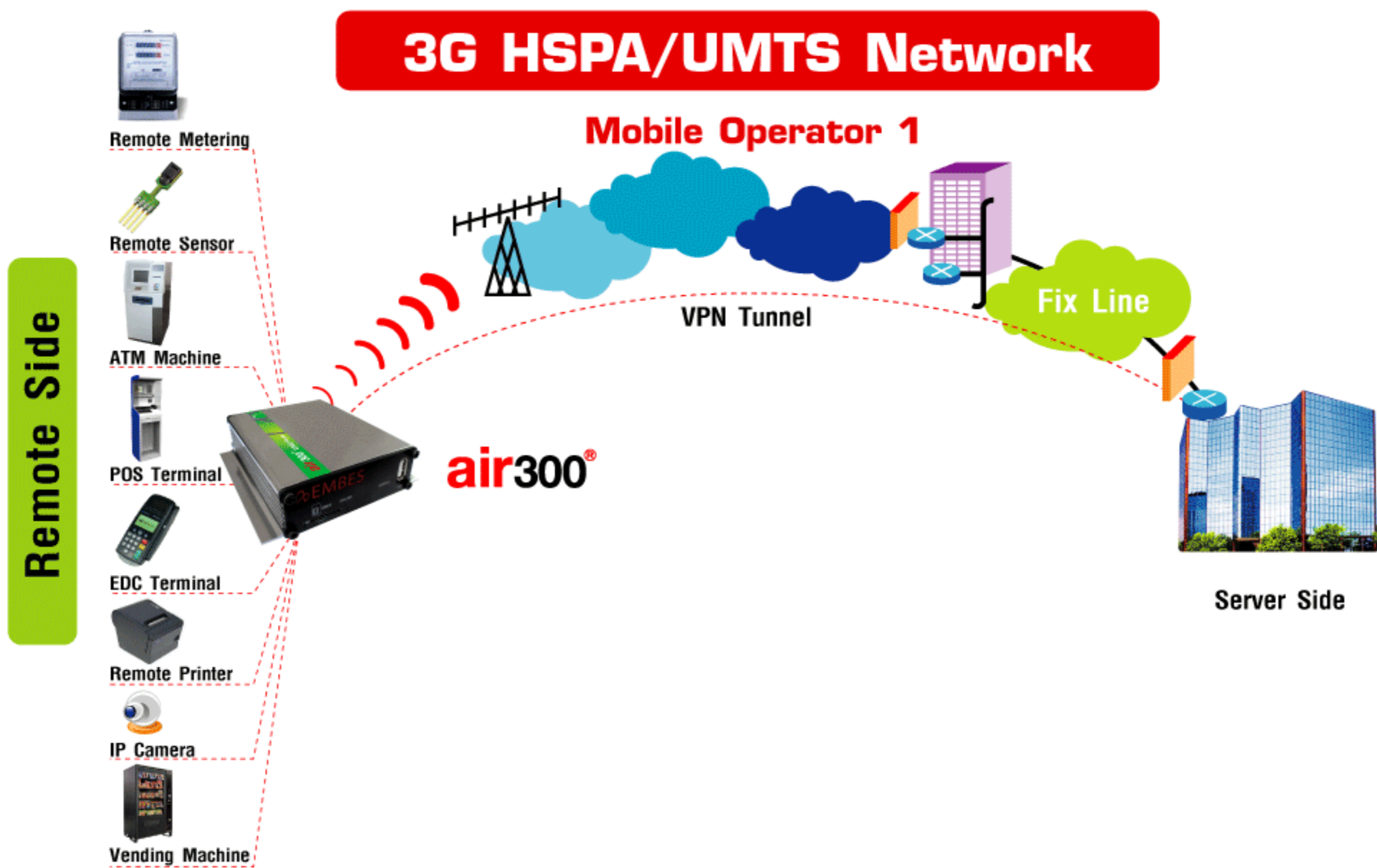


Anywhere Anytime Any...Device

The **air300**® is a cost optimized model of industrial grade 3G HSPA/UMTS Wireless WAN cellular routers, gateways and VPN appliances that provide secure high-speed wireless communication to any devices and remote sites. air300 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.

air300® 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 air300 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 **air300**[®]

- ▶ CPU 32-Bit RISC Architecture
- ▶ 1 x Ethernet 10/100
- ▶ 1 x USB 2.0 port
- ▶ 2 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)
- ▶ 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

air300H850

- 3G : HSPA 850/1900/2100 MHz

air300H900

- 3G : HSPA 900/2100 MHz

air300C800

- CDMA2000 1xEV-DO

Software Feature and Protocols Supported

- ▶ DHCP
- ▶ NAT Static and Dynamic
- ▶ TCP Port Forwarding
- ▶ Dynamic Routing : RIPv2, OSPF
- ▶ Tunnel : IPIP, GRE (10 Tunnel Included), GRE keepalive, L2TP Compression
- ▶ IPSec : AES, 3DES

Management and Configuration

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

Wireless Carrier Specification and Certification

3G HSPA

- ▶ Triple-Band HSPA/UMTS(WCDMA) 850/1900/2100 MHz or Dual Band HSPA/UMTS(WCDMA) 900/2100 MHz
- ▶ HSUPA download up to 7.2 Mbps, upload up to 5.76 Mbps
- ▶ HSDPA download up to 3.6 Mbps, upload up to 384 Kbps
- ▶ UTMMS download and upload up to 384 Kbps

GSM GPRS/EDGE

- Quad band 850/900/1800/1900 MHz
- EDGE Class 12 Throughput up to 240 kbps
- GPRS Class 12 Throughput up to 80 kbps

3G CDMA2000

- ▶ CDMA2000 1xEV-DO Rev.A download up to 3.1 Mbps / upload up to 1.8 Mbps
- ▶ CDMA2000 1xEV-DO Rev.O download up to 2.4 Mbps / upload up to 153.6 Mbps
- ▶ CDMA2000 1xRTT download and upload up to 153.6 kbps

CE Certified



air300[®] Datasheet Rev2.0 / Create on August 2010