

air800[®] mini

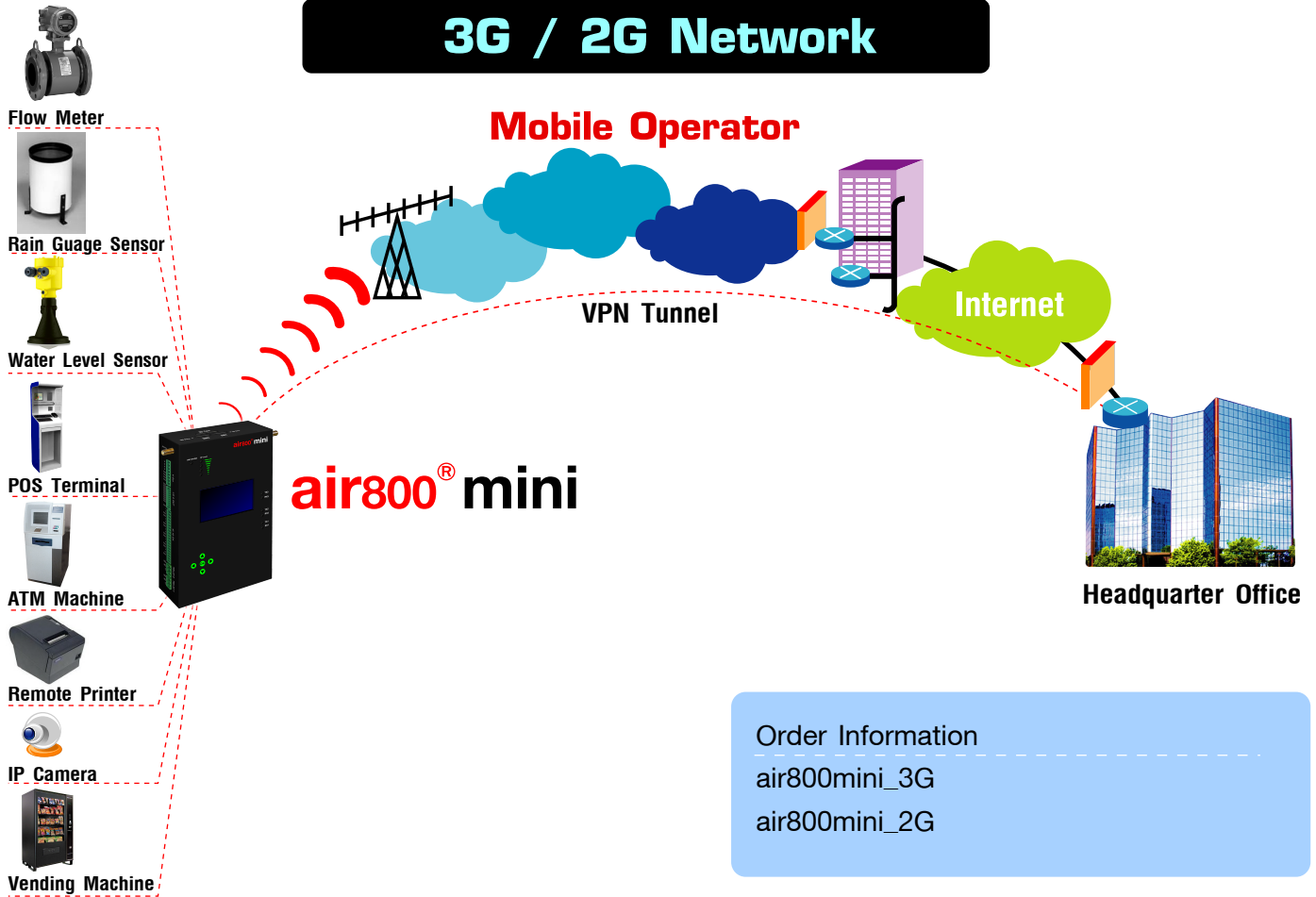
air800 mini[®] is an state of the art Universal RTU (Remote Terminal Unit) Controller that combine Wireless WAN Cellular Router, RTU and Data Logger all together. It provides powerful solutions for essential application with several ports such as LAN, USB, RS232, RS422, RS485, SDI-12, DI, DO, ADC and Dry Contact Relay in a single box for each application you need to use for.

air800 mini[®] an achieve other abilities and qualities according to regular standard for high performance equipments. The hardware based has designed on embedded system rules that use low power consumption and industrial design so that can be used in the extreme environment including the software design that concern s data security certified by nationwide standard while still maintaining its flexibility during performance. Therefore, you can benefit from air800mini to use with the wide range of applications with industrial universal ports.

Hardware Feature and Technical Data

- CPU 32-bit RISC Processor
- 2 x LAN Port 10/100
- 2 x USB Port
- Serial Port Specification
 - ☐ 2 x RS232/SDI-12
 - ☐ 1 x RS422/RS485
 - ☐ TxRx Communication LED Status
 - ☐ Modbus RTU/ASCII Protocol and Asynchronous Serial Protocol Support
 - ☐ Baud rate 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400
- 1 x SD Card Slot (support maximum 32 GB)
- 1 x Console Port
- Real Time Clock
- Protocol Support :
 - ☐ DHCP
 - ☐ NAT Static and Dynamic
 - ☐ TCP Port Forwarding
 - Dynamic Routing : RIPv2, OSPF, BGP, Multicast
 - Tunnel : IPIP, GRE (Multiple Tunnel Support and 10 Tunnel Included), GRE Keepalive, L2TP Compression
 - IPSec : AES and 3DES
- Management and Configuration
 - ☐ SNMP V1, V2
 - ☐ Command Line and Web based
- 128 x 64 Dot Pixels Graphic LCD, Dot Pitch 0.52 x 0.52
- Data Acquisition
 - ☐ Digital Input 4 Channels
 - ☐ Digital Output 4 Channels
 - ☐ Analog Input 10 Channels, selectable 4-20mA or 0-5V
 - ☐ Supply Out 4 Channels, V-out equivalent as V-in
- Wireless WAN Cellular Carrier Specification (need to select 3G/2G or 2G only)
 - ☐ 3G HSPA
 - ☐ - Five Band HSPA+ / UTMS(WCDMA) 800/850,900,1900,2100 MHz
 - ☐ - HSUPA download up to 14.4 Mbps and upload up to 5.76 Mbps
 - ☐ - HSDPA download up to 7.2 Mbps and upload up to 2 Mbps
 - ☐ - UTMS download and upload up to 384 Kbps
 - ☐ 2G GSM
 - ☐ - Quad Band 850/900/1800/1900 MHz
 - ☐ - EDGE Class 12 throughput up to 240 Kbps
 - ☐ - GPRS Class 12 throughput up to 80 Kbps
 - ☐ 2 x Push SIM Socket
 - ☐ LED Status
 - ☐ - SIM Status / SIM Online
 - ☐ - Signal Strength
 - ☐ 2 x 50 Ohm SMA Antenna including Antenna Switcher
 - ☐ 2 dBi Standard Antenna (optional : High Gain Antenna)
- Relay Output 2 Channels
 - ☐ 1 Form C (SPDT) Power Relay
 - ☐ Contact Current Rating 10A @ 24VDC
 - ☐ Contact Resistance 100 m ohm (max) at 1A @ 6VDC
 - ☐ Pulse Output Frequency 0.3 Hz
- Power Input 24 VDC nominal (Support Range 9 to 36 VDC)
- Power Consumption 400 mA @ 24 VDC
- Operation Temperature -10°C to 70°C
- Storage Temperature -40°C to 85°C
- Ambient Relative Humidity 5 to 95% (non-condensing)
- Dimension (WDH) 129 x 43 x 205 mm
- Weight 850 g.
- DIN Rail Mounting

3G / 2G Network



Dimensions

