4G Universal Industrial Router

air540iz®

Hardware Feature

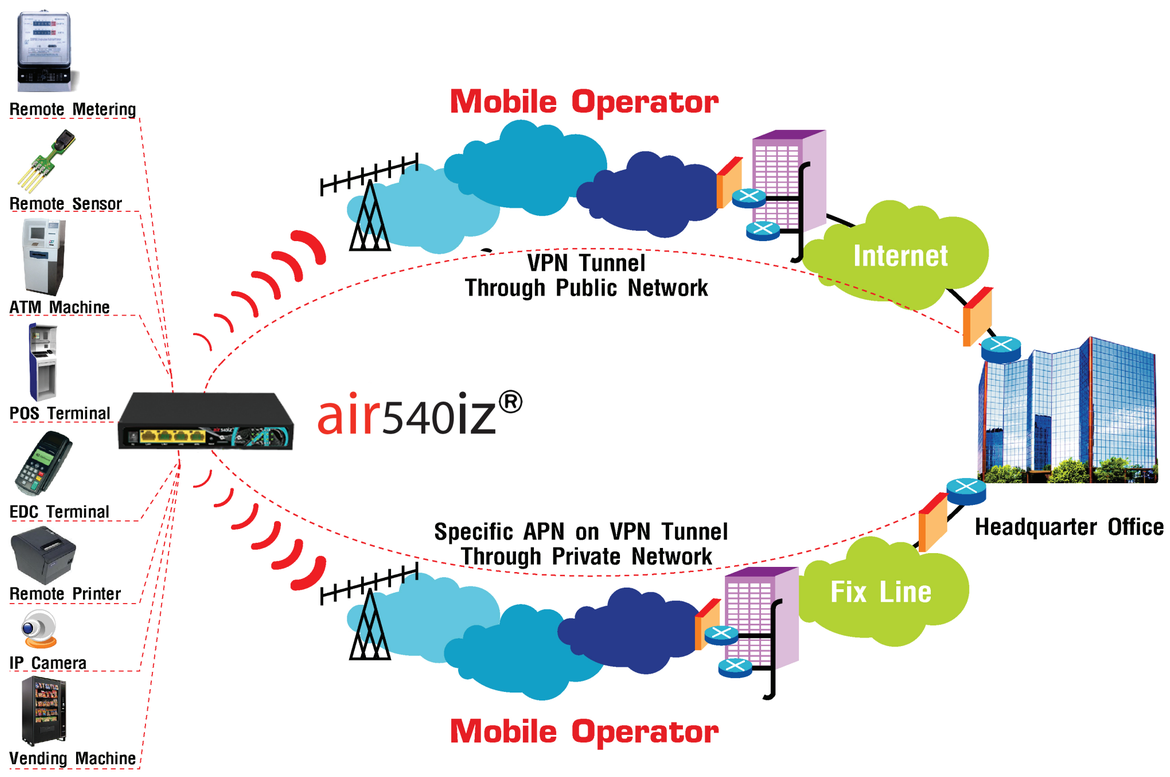
- MT7628AN/580MHZ DDR2 64MB (Max support 256MB) SPI 8 MB
- Support IEEE 802.11b, IEEE 802.11g, IEEE 802.11n wireless standard, wireless transmission rate up to 300Mbps
- 1 WAN and 3 LAN 10/100 Mbps or 4 LAN 10/100 adaptive network port (configurable)
- Dual 4G module dual SIM card, support Active/Active or Active/Stand-by
- Built-in hardware watchdog to ensure stable operation of the system
- New OS system, running remote management
- Wireless 300Mbps 2.4 GHz Protocol IEEE802.11n/802.11g/802.11b/802.3/802.3u
- Wifi Output Power
  - 11N: 17dBm±1dBm
  - 11G: 17dBm±1dBm
  - 11B: 19dBm±1dBm
- Wifi Receiving sensitivity
  - 11N HT20 MCS7: -72dBm
  - 11N HT40 MCS7: -69dBm
  - 11G 54Mbps: -74dBm
  - 11B 11Mbps: -86dBm
- 2 x 2.4G wifi antenna, 4 x 3G/4G antenna
- LED Status
- Power supply DC 12V/1.5A
- Max power consumption 10W
- Dimension (L*W*H) 170*110*25 mm.
- Operating Temperature : 0℃~ 50℃
- Storage Temperature : -40℃ ~ 70℃
- Operating Humidity : 10%~90% non-condensing
- Storage Humidity : 10%~90% non-condensing

Wireless Carrier Specification and Certification

- 4G LTE
  - LTE FDD : 800/850/900/1800/2100/2600 MHz
  - LTE TDD : 2300/2500/2600 MHz
  - FDD DL up to 150 Mbps, UL up to 50 Mbps
  - TDD DL up to 130 Mbps, UL up to 35 Mbps
- 3G
  - UMTS(WCDMA) 850/900/2100 MHz
  - HSPA+ DL CAT24 / UL CAT6, Dual Carrier
  - DL up to 42 Mbps, UL up to 5.76 Mbps
- 2G
  - Dual Band 900/1800 MHz
  - EDGE DL and UP up to 236.8 Kbps
  - GPRS DL and UP up to 85.6 Kbps

Software Support

- DHCP
- Port Forwarding
- Mac address filter
- Dynamic DNS
- VPN Support
- Band Control Support
- Static / Dynamic Routing



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