

4G Universal Industrial Router

air540iz[®]



Hardware Feature

- MIPS Processor MIPS24Kec 580 MHz
- 16 MB Flash and 128 MB Ram
- 1 WAN and 3 LAN Ethernet 10/100 or 4 LAN Ethernet 10/100 (Configurable)
- 2 SIM Socket WWAN Cellular Dual SIM Active/Active or Active/Stand-by
- LED Status (Wan Status, SIM Status, Signal Strength, Wifi Status)
- Hardware Monitoring
- 300 Mbps Wifi 802.11n, 2.4 GHz, 2T2R for AP/Client/Bridge/Repeater (optional)
- Hardware Watchdog
- Power Consumption 2.2W(1M) / 3W(2M)
- AC Adapter 12V 2A
- Operation Temperature -25C to +70C
- Dimension (WDH) 170x110x27 mm.
- Weight 0.5 kg.

Management and Configuration

- SNMP V1, V2
- Web Interface and CLI using SSH/Console
- iManagement

Software Feature and Protocols Supported

- IP V4/V6 dual stack
- NAT Static and Dynamic
- Port Forwarding Protocol UPnP and NAT-PMP
- Dynamic Routing : VPN pass-through, RIPv2, OSPF and BGP
- Tunnel : IPSec with IKEv1/v2, IPIP, PPTP, OpenVPN, GRE (10 Tunnel Included), GRE Keepalive, L2TP Compression
- IPSec Encryption : AES and 3DES
- Cryptology : SHA-256, SHA-1, MD5 Firewall : IP allow/deny /drop, Port Selection
- SNMP V1, V2
- Dynamic DNS, DHCP
- VLAN
- Quality of Service (QoS)
- Automatic WAN Switching for Link Backup
- Wireless Distribution System (WDS) including : WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK Mixed Mode (optional)
- Wifi Content Filtering (optional)
- Temperature and Voltage Monitoring
- GPS Location Service (optional for GPS antenna)
- IEEE 802.1x and IEEE 802.ad

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

