



Embedded 4G LTE Advance FDD/TDD Modem for WAN Access

Embedded Tri-Band Directional Antenna

Water Resistant IP66 Robust Shelter Box

E600 Operation Temperature: -40° C to 65° C (-40° F to 149° F)

E600	
Cellular Modem	Embedded, 3GPP Rel 10, LTE Advance FDD&TDD
Dimension	247 (L) x 247 (W) x 107 (H) mm
Weight	1.5kg
Water resistant IP code	IP66
Interface	
Ethernet Port	Giga RJ45 x 1, with power riding on Ethernet cable
SIM Card	1 x SIM slot for external 2FF SIM plug-in with tight sealing protection
LED Indicator	Signal strength indicators: LED x 2 Power indicator : LED x1 Signal indicator: LED x1
Cellular Connectivity and Data Speed	
LTE Band	B1, B2, B3, B4, B5, B7, B12, B13, B20, B25, B26, B29, B41
LTE Bandwidth	Up to 40 MHz(2 CA)
LTE Data Rate	(FDD Downlink up to 300 Mbps Uplink up to 50 Mbps), (TDD Downlink up to 222Mbps Uplink up to 26Mbps)
WCDMA Band	B1, B2, B3, B4, B5, B8
WCDMA Rate	Downlink:42Mbps, Uplink:5Mbps
Antenna	
Antenna Type	Embedded tri-band directional antenna
Antenna Gain	See table in right side
Cellular Main Antenna	Yes
Cellular Diversity Antenna	Yes
LTE MIMO	Downlink 2x2
Router Features	
Security	Multiple VPN pass-through (IPSec, PPTP, L2TP), Stateless and SPI Firewall, Internet Filter, Web Filter
NAT-NAPT	Single Port Forwarding, Port Range Forwarding, Port Range Triggering, Port Filtering, IP Filtering, DMZ, UPnP, Multicast Pass-Through
DNS	DNS Agent, DDNS
Other features	IPv4 and IPv6, TCP, UDP, ICMP, ARP, DHCP Server/Client, DHCP Reservation, HTTP/HTTPS, NTP, ALGs



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Software Features	
CPE Operation Mode	Router mode
Connection Status in Web GUI	Network name, Signal strength, Roaming indication, Radio technology, Radio network parameters, Connection status, Connection time, Connection Statistics
Connection management	Connection on demand, Auto Connection, Auto APN matching with USIM, APN database update through browser-based GUI, APN profile, PIN management, Preferred radio network type selection
Support FW version upgrade	Yes
Device Management	TR-069, SNMP, Remote GUI Log-in
System Protection	Two types of user account: User and Operator. Every user account has his own password protected mechanism
Browser-based Administration GUI	Browser supported: IE, Firefox, Safari, Chrome
Browser-based Administration GUI Multi-Language Support	English
Power Input	
Passive Power over Ethernet (PPoE)	48V Passive PoE input power
Accessories	
Passive Power over Ethernet Adapter	Giga RJ-45x2 (Data In x 1, Data & Power Out x 1)
	48V/1A
Mounting Bracket	Fixture (match to the back design) and screws to mount on pole. Left-right rotatable
30-meter Ethernet cable (Optional)	Outdoor grade Ethernet cable with water-proof RJ-45 head at one end
15-meter Ethernet cable (Optional)	Outdoor grade Ethernet cable with water-proof RJ-45 head at one end
Environment	
Operation Temperature (Excluding Power adaptor)	-40°C to 65°C (-40°F to 149°F)
Power Adaptor Operation Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	5% to 90% Non-Condensing
Storage Humidity	5% to 95% Non-Condensing
Certification and Conformance	
	Module FCC