



LTE Dual Mode (TDD+FDD) Modem

Due to available limitations in the TDD-LTE services in different zones, a modem proportionate to these conditions should be designed. For this purpose, a dual modem with capability of supporting the TDD and FDD networks simultaneously has been designed and manufactured as an up to date products with many advantages in comparison with available modems in the market.

Technical specifications

LTE Efficiency (Mimo).....	70%
LTE Peak Gain.....	4.5dBi
WiFi 2.4Ghz Efficiency and Peak Gain.....	2.5dBi
antenna efficiency eff:50%, Gain	
WiFi 5Ghz Efficiency and Peak Gain.....	3dBi
eff:60%, Gain	
LTE Chipset.....	GCT GDM7243QT
WiFi Chipset.....	MT7621E
TR069 and SNMP status.....	supported
LTE Max throughput.....	FDD: UL 75Mbps; DL 300Mbps
	TDD(Config 2:7): UL 15Mbps; DL 220Mbps
Bridge Mode.....	supported
Network mode.....	(Nat/Route/Bridge) Support
GRE tunnels (layer 2 and 3).....	supported
CPU and RAM size.....	MTK: CPU 880MHz; RAM 1Gb
	GCT: CPU 800MHz; RAM 1Gb
Static route.....	supported
IPV6 dual stack.....	supported
IPSEC tunnel.....	supported
SSH/Telnet.....	supported
VPN pass through.....	supported
L2TP and GRE tunneling.....	supported
FTP and HTTP OTA firmware upgrade.....	supported
Local upgrade and TR069 upgrade.....	supported
Tro69 upgrade can choose http or FTP	