

TDD/FDD-LTE Dual SIM Modem/Router

Description

The LEANOTEK TDD/FDD-LTE Dual SIM Modem brings you high return on investment with low overhead. Featured with one changeable WAN/LAN port, ML341 supports up to 4 LAN ports, which can satisfy various Internet access requirements through one device. ML341 integrates multiple load balancing strategies, advanced QoS and strong firewall to provide you with consistent network uptime and reliable Ethernet connectivity. Moreover, it is easy to manage the ML341 via a web-based utility, which makes building and managing your network more convenient. The device also has an integrated smart load balancing function which automatically selects the most efficient line according to load and bandwidth requirements, providing users with consistent network uptime and reliable Ethernet connectivity.



Specifications	
Hardware Specification	LTE Chipset 1: Qualcomm, DDR:128 MB, Flash 32MB LTE Chipset 2: Sequans, DDR:128 MB, Flash 32MB WiFi Module: Mediatek
LTE Standard	3GPP Release 10
Button	WPS, Reset
USIM	SIM1: 1.8V/3V 4FF SIM2: 1.8V/3V 4FF
FDD-LTE Specification	Category: 4 (150Mbps Downlink, 50Mbps Uplink) Antenna: 5dBi Internal – 2x2 MIMO
TDD-LTE Specification	Category: 4 (120Mbps Downlink, 30Mbps Uplink) Antenna: 5dBi Internal – 2x2 MIMO

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Specifications	
Wi-Fi Specification	Rate: 2.4GHz (300Mbps) Antenna: 2.4GHz 5dBi Internal Frequency: 802.11b/g/n (2.412GHz-2.482GHz)
Physical Ports	4*ETH RJ45 LAN Port 10/100 Auto-Sensing, Auto-MDI/MDIX 2*SIM Card Holder 1* USB Port
Number of Concurrent Users	32
IP Index – Dual Stack	IPV4/IPV6
Operation Mode	Router/NAT
Carrier Aggregation	Support
Load Sharing	Support
TR069	Support
Cell Lock	Support
L2/L3 Firewall	Support
NAT Mode	Support
DHCP	Support
DMZ	Support
GRE Tunneling	Support
Multi APN	Support
IP Routing	Support
SSH/Telnet	Support
Port Forwarding	Support
PPTP, L2TP VPN client	Support
Web base Management - GUI	Support
Working Frequency	FDD-LTE: B1/B3/B7/B8/B20/B28A TDD-LTE: B42/43 WCDMA: B1/B8 GSM: B3/B8
Working Environment	Operating Temperature : -30°C ~ 60°C Storage Temperature : -40°C ~ 85°C Operating humidity : 0 ~ 95% Storage humidity : 0 ~ 95%

Specifications	
FDD Output Power	Class 3 (23dBm±2dB) for LTE FDD Class 3 (24dBm+1/-3dB) for UMTS Class E2 (27dBm±3dB) for EDGE 850/900MHz Class E2 (26dBm+3/-4dB) for EDGE 1800/1900MHz Class 4 (33dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 1800/1900MHz
TDD Output Power	Class 3 (23dBm+1/-1.7 dB)
Power	Input : Universal Range 100~240V AC , Output : 12V/1.0A DC
Power Consumption	<12W
Case	ABS Material, Plastic case