ML143



4G Dual SIM Modem/Router

Description

The LEANOTEK 4G Dual SIM Modem gives you a simple LTE connectivity solution for your devices, Plug SIMCards , switch ON to provide an automatic 4G or 3G/2G broadband connection with download speeds of up to 150 Mbps. **Dual SIM** CPE will let you to securely send and receive your important data without losing . Also it will make you sure that any problem in operator side will not affect your data transfer. These problems from operator may be "Limited Credit" on SIM , "Unstable Connectivity", "Quality Degradation" or any other issue .



Specifications		
Hardware Specification	LTE Chipset: Qualcomm, DDR:128 MB, Flash 32MB	
	WiFi Chipset: Mediatek	
LTE Standard	3GPP Release 11	
Button	WPS, Reset	
USIM	SIM1: 1.8V/3V 4FF	
	SIM2: 1.8V/3V 4FF	
SIM Switch Mode	Automatic/Manual	
SIM Switch Time	<10s	
SIM Switch Scenario / Automatic	Signal Level, Ping Time, Throughput, Destination accessibility,	
	Connection Quality – " Could be customized based on Request"	
LTE Specification	Category: 4 (150Mbps Downlink, 50Mbps Uplink)	
	Antenna: 4dBi Internal – 2x2 MIMO	
Wi-Fi Specification	Rate: 2.4GHz (300Mbps)	
	Antenna: 2.4GHz 5dBi Internal – 2x2 MIMO	
	Frequency: 802.11b/g/n (2.412GHz-2.482GHz)	
Physical Ports	2*ETH RJ45 LAN Port 10/100 Auto-Sensing, Auto-MDI/MDIX	
	2*SIM Card Holder	
Number of Concurrent Users	32	
IP Index – Dual Stack	IPv4/IPv6	
Operation Mode	Router/NAT	







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TR069 Support Cell Lock Support Support Support NAT Mode Support MUST GRE Tunneling Support Multi APN Support Support Multi APN IP Routing Support Support SSH/Telnet Support Port Forwarding PPTP, L2TP VPN client Web base Management - GUI LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8 GSM: B3/B8 Working Frequency Working Environment Working Environment Class 3 (23dBm±2dB) for LTE FDD Class 3 (23dBm±2dB) for LTE FDD Class 1 (24dBm+1/-3dB) for EDGE 850/900MHz Class 1 (30dBm±2dB) for EDGE 1800/1900MHz Class 1 (30dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 1800/1900MHz Power Input Universal Range 100~240V AC , Output: 12V/1.0A DC Power Consumption < 12W Case ABS Material, Plastic case	DHCP	Support
Cell Lock Support L2/L3 Firewall Support NAT Mode 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 WCDMA: B1/B8 GSM: B3/B8 Operating Temperature : -10°C ~ 45°C Storage Temperature : -20°C ~ 60°C Operating humidity : 0 ~ 95% Storage humidity : 0 ~ 95% Class 3 (23dBm±2dB) for LTE FDD Class 3 (24dBm+1/-3dB) for UMTS Class 4 (33dBm±2dB) for EDGE 850/900MHz Class 5 (26dBm+3/-4dB) for EDGE 1800/1900MHz Class 1 (30dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 1800/1900MHz Power Input Universal Range 100~240V AC , Output : 12V/1.0A DC Power Consumption <12W Case ABS Material, Plastic case	TR069	
L2/L3 Firewall Support	Cell Lock	· ·
NAT Mode DMZ Support Support Multi APN Support PPTP, L2TP VPN client Support Web base Management - GUI Support LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8 Operating Temperature: -10°C ~ 45°C Storage Temperature: -20°C ~ 60°C Operating humidity: 0 ~ 95% Storage humidity: 0 ~ 95% Storage humidity: 0 ~ 95% Class 3 (23dBm±2dB) for LTE FDD Class 3 (23dBm±3/4dB) for LTE FDD Class 4 (33dBm±3/4dB) for EDGE 850/900MHz Class E2 (26dBm+3/-4dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 1800/1900MHz Power Input Universal Range 100~240V AC , Output: 12V/1.0A DC Power Consumption <12W Case ABS Material, Plastic case	L2/L3 Firewall	
GRE Tunneling Support Multi APN Support Web base Management - GUI UTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8 Operating Temperature: -10°C ~ 45°C Storage Temperature: -20°C ~ 60°C Operating humidity: 0 ~ 95% Storage humidity: 0 ~ 95% Storage humidity: 0 ~ 95% Class 3 (23dBm±2dB) for LTE FDD Class 1 (24dBm+1/-3dB) for UMTS Class E2 (27dBm±3dB) for EDGE 850/900MHz Class 4 (33dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 1800/1900MHz Power Input Universal Range 100~240V AC , Output: 12V/1.0A DC Power Consumption ABS Material , Plastic case	NAT Mode	
Multi APNSupportIP RoutingSupportSSH/TelnetSupportPort ForwardingSupportPPTP, L2TP VPN clientSupportWeb base Management - GUISupportWorking FrequencyLTE FDD: B1/B3/B7/B8/B20/B28AWCDMA: B1/B8 GSM: B3/B8Operating Temperature: -10°C ~ 45°CWorking EnvironmentOperating Temperature: -20°C ~ 60°C Operating humidity: 0 ~ 95%Storage Temperature: -20°C ~ 60°COperating humidity: 0 ~ 95%Class 3 (23dBm±2dB) for LTE FDD Class 3 (24dBm+1/-3dB) for UMTSClass 22 (27dBm±3dB) for EDGE 850/900MHz 	DMZ	Support
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SSH/Telnet Port Forwarding Support PPTP, L2TP VPN client Support Web base Management - GUI WCDMA: B1/B8 GSM: B3/B8 Operating Temperature: -10°C ~ 45°C Storage Temperature: -20°C ~ 60°C Operating humidity: 0 ~ 95% Storage humidity: 0 ~ 95% 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 1 (30dBm±2dB) for GSM 850/900MHz Class 1 (30dBm±2dB) for GSM 1800/1900MHz Power Input Universal Range 100~240V AC, Output: 12V/1.0A DC Power Consumption <12W Case ABS Material, Plastic case	Multi APN	Support
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