

Code: TL-MERC-AC12

## ROUTER **TL-MERC-AC12** 2.4 GHz, 5 GHz 300 Mbps + 867 Mbps TP-LINK / MERCUSYS

With 867 Mbps wireless speeds over the crystal clear 5 GHz band and 300 Mbps over the 2.4 GHz band, TL-MERC-AC12 offers you the flexibility of 2 dedicated networks and ensures amazing wireless performance. Simple tasks such as sending e-mails or web browsing can be handled by the 2.4 GHz band while bandwidth intensive tasks like online gaming or HD video streaming can be processed by the 5 GHz band - all at the same time.

Main applications include Internet accesses in small and medium size businesses, SOHO, and homes. 4 external antennas provide stable omnidirectional signal and superior wireless coverage.

Supports 802.11ac standard - the next generation of Wi-Fi.



Frequency range:	2.4 GHz ( 2.412 ... 2.472 GHz ), 5 GHz ( 5.150 ... 5.250 GHz )
Antenna type:	4 x Omnidirectional antenna 5 dBi
Standards:	IEEE 802.11 b/g/n @ 2.4 GHz IEEE 802.11 a/n/ac @ 5 GHz
Baud rates:	300 Mbps + 867 Mbps
LAN ports:	3 x 10/100 Mbps LAN 1 x 10/100 Mbps WAN
LED indicators:	Power, WLAN, LAN, WAN
Receiver sensitivity:	2.4 GHz : • 11g 6M : -95 dBm • 11g 54M : -77 dBm • 11n HT20 MCS7 : -74 dBm • 11n HT40 MCS7 : -71 dBm 5 GHz : • 11a 6M : -92 dBm • 11a 54M : -75 dBm • 11ac VHT20 MCS8 : -70 dBm • 11ac VHT40 MCS9 : -64 dBm • 11ac VHT80 MCS9 : -60 dBm





# DATA SHEET

Transmitter power:	< 20 dBm
DDNS:	✓
DHCP server:	✓
Firmware update:	✓
Protections:	<ul style="list-style-type: none"><li>• WPA-PSK/WPA2-PSK</li><li>• IP-MAC Binding</li></ul>
Management interface:	Web browser
Main features:	<ul style="list-style-type: none"><li>• WPS/RESET button</li><li>• Built-in 3-port switch</li><li>• Firewall</li><li>• Static / dynamic routing</li><li>• Wireless transmission statistics</li><li>• The WPS function allows to easy establish an encrypted connection</li><li>• WAN : PPPoE, L2TP, PPTP</li><li>• DHCP server</li><li>• Port forwarding : Virtual Server, UPnP, DMZ</li><li>• Access control</li><li>• Remote management</li><li>• parental control</li><li>• Guest Network - a separate and secure network for guests - 2.4, 5 GHz</li><li>• IPv6 compliance</li></ul>
Power supply:	9 V DC / 0.85 A (power adapter included)
Operation temp:	0 °C ... 40 °C
Permissible relative humidity:	10 % ... 90 % (non-condensing)
Weight:	0.26 kg
Dimensions:	222 x 140 x 32 mm
Manufacturer / Brand:	TP-LINK / MERCUSYS
Guarantee:	2 years