DATA SHEET

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

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Transmitter power:	< 20 dBm
DDNS:	✔
DHCP server:	✔
Firmware update:	✔
Protections:	• WPA-PSK/WPA2-PSK • IP-MAC Binding
Management interface:	Web browser
Main features:	• WPS/RESET button • Built-in 3-port switch • Firewall • Static / dynamic routing • Wireless transmission statistics • The WPS function allows to easy establish an encrypted connection • WAN : PPPoE, L2TP, PPTP • DHCP server • Port forwarding : Virtual Server, UPnP, DMZ • Access control • Remote management • parental control • Guest Network - a separate and secure network for guests - 2.4, 5 GHz • IPv6 compliance
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

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