

Code: ARCHER-VR300

## ACCESS POINT +ROUTER **ARCHER-VR300** VDSL / ADSL 2.4 GHz, 5 GHz 300 Mbps + 867 Mbps TP-LINK

The ARCHER-VR300 router has been designed for sharing Internet connection provided by ADSL / VDSL technology. It has built-in ADSL / VDSL modem compatible with ADSL / ADSL2 / ADSL2+ / VDSL / VDSL2, Access Point works in IEEE802.11 b/g/n @ 2.4 GHz, IEEE802.11 a/n/ac @ 5 GHz standards enabling transmission speed up to 300 Mb/s @ 2.4 GHz, 867 Mb/s @ 5 GHz and 4-port switch. The device has a DSL connector in the form of RJ-11 port.

The ARCHER-VR300 ensures advanced access control and NAT, its DHCP server supports static assignment of IP addresses. The device also supports virtual servers, DMZ zone, remote logging and management.



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| Frequency range:   | 2.4 GHz, 5 GHz                                                                                                                                                                                                                                                                                                                            |
| Antenna type:      | 4 x Omnidirectional antenna 5 dBi                                                                                                                                                                                                                                                                                                         |
| Standards:         | IEEE 802.11 b/g/n, IEEE 802.11 a/n/ac, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab<br>ITU G.993.2, ITU-T G.993.5 (G.vector), ITU-T G.998.4 (G.INP), Full-rate ANSI T1.413<br>Issue 2, ITU-T G.992.1(G.DMT), ITU-T G.992.2(G.Lite), ITU-T G.994.1 (G.hs), ITU-T<br>G.995.1, ITU-T G.992.3 (G.DMT.bis), ITU-T G.992.4 (G.lite.bis), ITU-T G.992.5 |
| LAN ports:         | <ul style="list-style-type: none"> <li>• 1 x 10/100 Mbps - LAN/WAN,</li> <li>• 3 x 10/100 Mbps - LAN</li> </ul>                                                                                                                                                                                                                           |
| LED indicators:    | Power, DSL, INTERNET, WLAN, LAN                                                                                                                                                                                                                                                                                                           |
| WAN interface:     | <ul style="list-style-type: none"> <li>• 1 x RJ-11, ADSL / ADSL2 / ADSL2+ / VDSL / VDSL2</li> <li>• 1 x RJ-45</li> </ul>                                                                                                                                                                                                                  |
| Transmitter power: | <ul style="list-style-type: none"> <li>&lt; 20 dBm @ 2.4 GHz ,</li> <li>&lt; 23 dBm @ 5 GHz</li> </ul>                                                                                                                                                                                                                                    |
| Baud rates:        | 300 Mbps @ 2.4 GHz + 867 Mbps @ 5 GHz                                                                                                                                                                                                                                                                                                     |
| DHCP server:       | ✓                                                                                                                                                                                                                                                                                                                                         |



# DATA SHEET

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| Firmware update:               | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DDNS:                          | <ul style="list-style-type: none"><li>• DynDNS</li><li>• No-IP</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operation modes:               | ADSL/VDSL modem, Router, Access Point, Bridge WDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protections:                   | <ul style="list-style-type: none"><li>• LAN : NAT, SPI network firewall, Access control, IP-MAC Binding, Support DoS defence, parental control</li><li>• WLAN : WEP 64/128-bit, WPA/WPA2, WPA-PSK/WPA2-PSK, QSS (Quick Secure Setup) - WPS</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Management interface:          | Web browser, TP-LINK Tether                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Main features:                 | <ul style="list-style-type: none"><li>• Enable/disable wireless network</li><li>• SSID hiding</li><li>• QoS</li><li>• WMM (Wi-Fi Multimedia),</li><li>• Rate limit</li><li>• Internet access filtering</li><li>• Wireless transmission statistics</li><li>• Firewall</li><li>• Remote management</li><li>• DHCP : DHCP server, DHCP client list</li><li>• Port forwarding : Virtual Server, Port Triggering, DMZ, ALG, UPnP</li><li>• VPN networks: IPsec VPN, L2TP VPN, PPTP VPN, VPN Pass-through</li><li>• IPv6 compliance</li><li>• Static / dynamic routing</li><li>• Port Mapping</li><li>• IGMP Snooping V1/V2/V3</li><li>• Guest Network - a separate and secure network for guests</li><li>• Built-in 4-port switch</li><li>• ON/OFF button</li><li>• WPS button</li><li>• The WPS function allows to easy establish an encrypted connection</li><li>• RESET button</li><li>• The DSL line splitter included</li></ul> |
| Power supply:                  | 12 V DC / 1 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Operation temp:                | 0 °C ... 40 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Permissible relative humidity: | 10 % ... 90 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Weight:                        | 0.31 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dimensions:                    | 257 x 160 x 37 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer / Brand:          | TP-LINK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Guarantee:                     | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |