

Technical data - WebJack 5560 WLAN

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, Auto MDI/X, IEEE 802.11 a, b, g, n (2,4/5 GHz non-concurrent), IEEE 802.1p, Wi-Fi Alliance, HomePlug, IEEE 1901
Processor	PLC AR7400 + WiFi AR9344 (WASP)
Protocols	CSMA/CA (Powerline)
Transmission speeds	Ethernet 10/100 (mbps), Powerline 200/500 (mbps), Wi-Fi 300 (mbps, 2x2 MIMO)
Transmission method	asynchronous
Modulation • Carrier	Powerline OFDM - 4096/1024/265/64-QAM, QPSK, BPSK • Powerline 2880 Wi-Fi DSSS (IEEE 802.11b) • Wi-Fi OFDM (IEEE 802.11a, g, n) • Wi-Fi 32
Data path	Ethernet <-> power supply grid / power supply grid <-> Wireless / Ethernet <-> Wireless
Range (in m)	Powerline: 300, Wi-Fi: 300
Security	WEP, WPA/WPA2, WPS PIN, WPS PBC, MAC-Address Filter, Wi-Fi Time Schedule, 128 Bit AES
LEDs	Power (multi), PLC (Quality Indicator), ETH (link/activity), Wi-Fi
Socket / Connector / Countries	Type F (CEE 7/4) • F (CEE 7/4) • (DE, NL, ES, PT, AT, SE, FI, NO, GR, HU)
Device port	3 x Ethernet RJ45, 2 x Antenna
Power output	16 A (to integrated socket)
Attenuation filter	2 - 68 MHz
Filter characteristics	-22 db to -45 db
Power consumption	Maximum W/A: 9 / 0,1, Typical W/A: 6 / 0,1, Stand-By W/A: 1,7 / 0,1
Power supply	internal, 196-250 V AC, 50 Hz
Temperature	-25°C to 70°C • 0°C to 40°C (Storage • Operating)
Weight of adapter	330 g
Dimensions	152 x 76 x 40 (without plug), (in mm, without plug)
Colour	white (can be defined as desired in project)
Ambient conditions	10-90% Humidity (non-condensing)
Compatibility	Compatible with 200 Mbps HomePlug AV, coexistent with 14 Mbps HomePlug 1.0 and HomePlug 1.0 Turbo
Quality of Service Features	<ul style="list-style-type: none"> • Data prioritisation for quality assurance of real time applications (e.g. VoIP or IPTV) • FEC (Forward Error Correction) and Retransmissions • 4 priority levels • Priority levels can be adapted individually for the application (depending on the project)
Buttons	Pairing, Wi-Fi on/off, WPS, Factory Default
Operating systems	Windows XP (32 Bit), Windows XP (64 Bit), Windows Vista (32 Bit), Windows Vista (64 Bit), Windows 7 (32 Bit), Windows 7 (64 Bit), Windows 8 (32 Bit), Windows 8 (64 Bit), Windows 8 Pro (32 Bit), Windows 8 Pro (64 Bit), Linux (Ubuntu), MAC OS X, mobile OS (Android and iOS)
Certifications	CE Class B (EU, CH, NO)

