

Technical data - WebJack 5510 WLAN

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, Auto MDI/X, IEEE 802.11 b, g, n (2,4 GHz Single Band), IEEE 802.1p, Wi-Fi Alliance, HomePlug, IEEE 1901
Processor	PLC AR7420 + Wi-Fi AR9331 (Hornet)
Protocols	CSMA/CA (Powerline)
Transmission speeds	Ethernet 10/100 (mbps), Powerline 200/500 (mbps), Wi-Fi 150 (mbps, 1x1 SISO),
Transmission method	asynchronous
Modulation • Carrier	Powerline OFDM - 4096/1024/256/64-QAM, QPSK, BPSK • Powerline 2880 Wi-Fi DSSS (IEEE 802.11b) • Wi-Fi OFDM (IEEE 802.11g, n) • Wi-Fi 13
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 PBC, MAC-Address Filter, Wi-Fi Time Schedule, 128 Bit AES
LEDs	PLC (connected/activity), PLC (Quality Indicator), Wi-Fi
Socket / Connector / Countries	Type C (CEE 7/16) • (none) • (EU)
Device port	1 x Ethernet RJ45, 1 x Antenna
Power consumption	Maximum W/A: 5,0, Typical W/A: 4,4, Stand-By W/A: 1,0
Power supply	internal, 196-250 V AC, 50 Hz
Temperature (Storage • Operating)	-25°C to 70°C • 0°C to 40°C
Weight of adapter	125 g
Dimensions (in mm, without plug)	68 x 68 x 41 (without plug) (H x B x T)
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)

