


Data sheet:

WLAN Client Bridge



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Contact Applications Firmware Tools Manual 

Brings hardwired Ethernet devices into an existing WLAN

Routing a network cable to the location of wired LAN devices is often possible only with great effort. Over longer distances or with installations on mobile equipment (e.g. cranes and forklifts) a WLAN link may sometimes even be the only solution. In these cases the W&T WLAN Client Bridge connects individual devices or even entire device groups to a WLAN quickly, simply and reliably.

Properties

Interfaces:

- **1x WLAN 802.11b/g/n**
 - IEEE 802.11b/g/n up to 150 Mbps
 - Supports external antennas
- **1x Ethernet 100/1000BaseT**
 - Autosensing/Auto-MDIX

Management and connectivity:

- **Easy-Start! - Assign IP, SSID and WLAN password, done!**
 - Startup using EasyStart!, DHCP, serial
 - Via WLAN with smart phone/tablet or notebook
 - Via LAN with WuTility
- **Rugged, with simple incorporation of Web-I/Os, Com-Servers, USB-Servers in WLANs**
 - A virtually unlimited number of LAN devices when used together with switches
 - Supports LAN devices from other manufacturers
- **Fast transmission using WPA/WPA2 encoding**
- **Ethernet Loop Prevention**

Power supply:

- **External**
 - Screw terminals, 24V-48V DC
- **Power-over-Ethernet (PoE)**

Standards & more

- **FCC approval**
 - There is no FCC approval for the WLAN Client Bridge, so that operation of the device is permitted only within the EU.
- **Conforms to standards both in office and industrial environments:**
 - High noise resistance for industrial environments
 - Low noise emission for residential and business areas
- **5 year guarantee**

♥ Wish for something!
Your suggestions for improvement and additions

Run modes

Simple application

Implementation as a pure bridge integrates LAN-side connected devices seamlessly into the IP subnetwork of the WLAN seamlessly and without any additional configuration, just as if they had their own WLAN interface. Startup is as simple as assigning an IP address for the WLAN Client Bridge and configuring the access data for the desired access point (SSID, WPA password), which is

accomplished in just a matter of minutes.

Technical data

Connections and displays:

WLAN:	IEEE 802.11 b/g/n, 150Mbit/s, 2.4 GHz
Network:	100/1000BaseT Autosensing/Auto-MDIX RJ45 IPv6 on request
Protocols:	IEEE 802.11 b/g/n WEP/WPA/WPA2, TCP/IP
Power supply:	Power-over-Ethernet (PoE) or DC 24V .. 48V (+/-10%) per screw terminal
Supply connection:	Plug-in screw terminal, 5.08mm spacing Labeled "L+" and "M"
Current draw	PoE Class 1 (0.44-3.84W) Ext. supply (24V DC): typ. 130 mA
Displays:	1 LED System 2 LEDs network status

Housing and other data:

Housing:	Plastic compact housing for top-hat rail mount 105x45x75mm (l x w x h)
Enclosure rating:	IP20
Weight:	approx. 130g
Ambient temperature	Storage: -40..+85°C Non-end-to-end installation: 0..+50°C
Permissible relative humidity:	5..95% RH, non-condensing
Scope of delivery:	1x WLAN Client Bridge 1x Quick Guide 1x Product CD with USB Redirector, WuTility management tool, manual, German/English



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