

WiFi access point & bridge for industrial fields



IEEE 802.11b
WiFi 2,4 GHz

Module RF
certifié

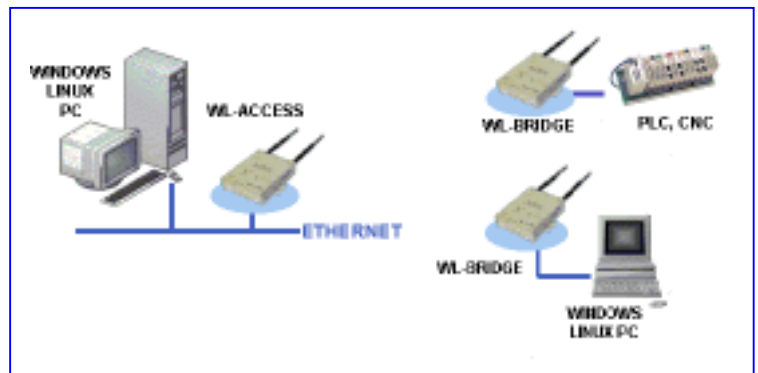


BRIDGE mode

- Connect any wired Ethernet device to the WiFi wireless network

ACCESS POINT mode

- Access point enables to build a WiFi network from the wired Ethernet network



WL-ACCESS

EASE OF INSTALLATION

Thanks to the built-in HTML configuration page, it is possible to setup the device from any Internet web browser (Internet explorer, Netscape, Mozilla, ...).

INTERCONNECTABILITY

Ease of installation, thanks to the instant display of the WiFi RF level.

UNIVERSAL POWER SUPPLY

Works with any Ethernet 10/100 Mbps equipment and any IEEE 802.11b and IEEE 802.11g WiFi networks.

UNIVERSAL MOUNTING

Built-in power supply, AC or DC models available with POE.

Case, wall, din-rail

5-YEAR WARRANTY



TECHNICAL CHARACTERISTICS

BRIDGE mode	The WL-ACCESS device can work in a network topology (Access Point in Client mode) and in AD-HOC mode (Access Point in Peer to Peer or Multipoint mode); it can connect to any IEEE 802.11b or IEEE 802.11g access point.
ACCESS POINT mode	WiFi access point: Any IEEE 802.11b or IEEE 802.11g device can connect to the WL-ACCESS.
Ethernet network	10/100 compatible RJ45 connector Ethernet interface.
WiFi network	Compliant to the IEEE 802.11b, DSSS, 2.4 GHz wireless 11 Mbps Ethernet recommendation, 300 m nominal range (open space), 60 m in other cases, the 11 Mbps data rate is automatically reduced (auto-fallback system) to 5.5, 2 and 1 Mbps for greater range and/or better signal immunity, built-in antenna and RSMA external antenna connector for long distance (up to 20 Km depending to countries).
Channels	13 channels for Europe, 11 channels for USA & Canada, 14 channels for Japan.
Sensibility	Transmitter +15 dBm, receiver -84 dBm (typical).
RF modulation	CCK, BPSK, QPSK.
Security	4 independent 64/128 bits WEP « Wired Equivalent Privacy » keys (alphanumerical or hexadecimal).
Administration	From a web browser, no specific software is needed on the computer
Operating systems	Windows & Linux.
Signalling	LEDs indicate the WiFi RF radio level and quality (BRIDGE mode only) and LAN & WLAN activity.
Power Supply	Built-in 85-264VAC universal power supply or DC (+9VDC to +36VDC). POE "Power over Ethernet" (IEEE 802.3af) for the DC model.
Consumption	3 Watts.
Environment	Operating temperature: 0 to +50°C, RH 0-99% Storage: -40 to +80°C.
Dimensions	WL-ACCESS : L : 140 x l : 110 x h : 38 mm, 468 grammes WL-ACCESS-DC : L : 140 x l : 110 x h : 38 mm, 429 grammes

Références à commander

WL-ACCESS	Ethernet to WiFi IEEE 802.11b bridge access point, built-in AC power supply, dual antennas and RSMA connector for external long range antenna. Add the -DC suffix for DC power supply models (+9VDC to +36VDC) & POE IEEE 802.3af
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