

Industrial WiFi access points and bridges for Ethernet

ACKSYS, French designer and manufacturer of telecommunications solutions for industrial applications widens its wireless connectivity offer by introducing the WL-ACCESS & the WL-BRIDGE devices.

These products are compliant to the IEEE 802.11b (2,4 GHz wireless Ethernet) standard and they make it possible to create a wireless network or even to connect any Ethernet devices to this network.

The link is made safe by a WEP 64/128 bits encryption key, the nominal range is 300 m (open space) for a 11 Mbps binary rate.

An auto-fallback system automatically reduces speed to 5,5, 2 and 1 Mbps for greater range and/or better signal immunity.

These devices come with omnidirectional 2dBi built-in antennas (standard coverage), an external higher gain antenna can be connected instead for long distance communications (up to 20 Km depending to countries) through a RSMA connector.

WL-ACCESS & WL-BRIDGE feature a 10/100 Ethernet RJ45 interface, LEDs enable to monitor



the LAN / WLAN activity and also to display the quality of the radio link in order to get the best result while installing the devices.

Universal AC (85-264VAC) as well as DC (+9VDC to +36VDC) power supplies are available, devices can be wall or Din Rail mounted.

Thanks to the built-in WEB interface, the setup of the device is achieved using the web browser installed on your computer (Internet Explorer, Netscape, Mozilla ...), no additional software is required.

Customers (point of sales, medical instrumentation, industrial automation, security systems, building automation) can right now rely on this new technology to build safety wireless network applications while freeing themselves from wiring constraints.