

Industrial WiFi Access Point and Bridge

ACKSYS, French designer and manufacturer of telecommunications solutions for industrial applications widens its wireless connectivity offer by introducing the WL-ACCESS: Access Point & Ethernet Bridge.

This product is compliant to the IEEE 802.11b (2.4 GHz wireless Ethernet) standard and makes it possible to create the infrastructure of a wireless network or even to link 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.

This device comes with omni directional 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 features a 10/100 Ethernet RJ45 interface, LEDs enable to monitor



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

Device can be powered from different sources: AC (85-264VAC), DC (+9VDC to +36VDC) and from the Ethernet cable (POE IEEE 802.3af), 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.