

Compact Access Point and Ethernet Bridge for industrial applications

ACKSYS widens its range of wireless solutions by introducing the WL-LINK, a compact and affordable Ethernet to WiFi bridge and Access Point.

Product relies on the IEEE 802.11b standard (2.4 Ghz) and is IEEE 802.11g compatible, it enables to build a WiFi network infrastructure (access point mode) or to connect any Ethernet equipment to this radio network (bridge mode).

WL-LINK also supports the AD-HOC mode which is required when products are used to connect together two Ethernet equipments without any installed WiFi infrastructure.

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, emitter power is +15dBm while receiver sensibility is -84dBm.

It's size is extremely compact (L:79 x W:58 x H:23 mm), it can be connected to any equipment equipped with an Ethernet port, consequently opening to equipment access to the wireless world.



It is powered from a +5VDC power source on a jack type connector, total power consumption doesn't exceed 3W.

LEDs indicate both LAN and WLAN network activity.

Thanks to its built-in WEB interface, the setup of the device is achieved using the web browser installed on your computer (Internet Explorer, Netscape, Mozilla ...).

WL-LINK doesn't require any additional software to be installed in your computer (no peripheral driver needed).

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