

Ethernet to WiFi Bridge full module for OEMs

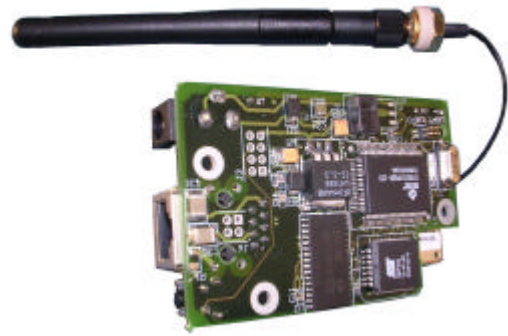
ACKSYS widens its range of wireless solutions by introducing the WL-BRIDGE-OEM, a compact and affordable Ethernet to WiFi bridge module.

Product relies on the IEEE 802.11b standard (2.4 Ghz) and is IEEE 802.11g compatible, it enables to connect any Ethernet equipment to the radio network.

It 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:76 x W:50 x H:18 mm) in order to be integrated in any equipment equipped with a RJ45 or TTL Ethernet port, consequently opening to equipment access to the wireless world.



It can be powered from the DC power source (+3.3VDC or +5VDC), 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-BRIDGE-OEM 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.