

WiFi AP, Bridge, repeater (WDS) full module for OEMs

ACKSYS actualizes its range of wireless solutions by introducing the WLg-LINK-OEM.

Product relies on the IEEE 802.11 a/b/g/h and Super AG standard (2.4 Ghz, 5 & 5.4 Ghz, up to 108 Mbps), it enables to connect any Ethernet equipment to the radio network.

Module supports Access Point, Ethernet Bridge, AP client modes and the AD-HOC mode as well, which is required when products are used to connect together several Ethernet equipments without any installed WiFi infrastructure.

The link is made safe using WEP, WPA, WPA2, IEEE 802.1X/RADIUS protected access, the nominal range is 300 m (open space); emitter power is +20 dBm while receiver sensibility is -90 dBm.

Its size is extremely compact (L:89 x W:51 x H:20 mm) in order to be integrated in any equipment equipped with a RJ45 or TTL Ethernet 10/100 Base TX port, consequently opening to equipment access to the wireless world.



It can be powered from the DC power source (+3.3VDC or +5VDC) for a typical 3.5W consumption, the low power mode enables to use the module in battery powered equipments, Ethernet and power supply signal are available on an HE10 header connector.

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 (Windows, Linux ...). WLg-LINK-OEM doesn't require any additional software to be installed on your equipment (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.