

Serial to wireless Ethernet OEM module

ACKSYS renews its range of wireless solutions by introducing a serial to Ethernet WiFi module for OEM market.

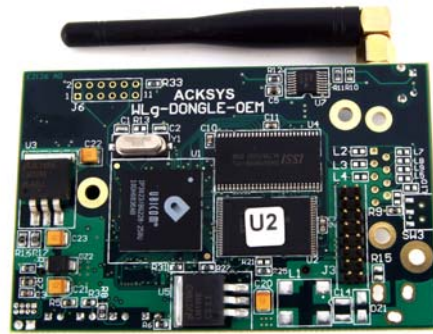
Product rely on the IEEE 802.11 a/b/g/h standard (2.4 / 5 GHz), it features a full high speed serial interface (up to 250 Kbps) available on a SUBD 9 connector for RS232 model or on a 16 pins HE10 connector for the TTL model.

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.

A high power radio (400 mW, 26 dB) is also available optionally.

Its size is extremely compact (L:89 x W:57 x H:19 mm) in order to be integrated in any equipment equipped with a serial RS232 or TTL, 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 3.5 W.



WLg-DONGLE-OEM

This module supports the following modes: TCP Client / Server, TELNET RFC2217, COM port redirection, TELNET server, raw mode, point to point and the serial MODBUS to MODBUS/TCP gateway.

Device administration is achieved by using the web browser installed on your computer or from TELNET, SNMP and from the ACKSYS administration software NDM.

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.