

Serial to wireless Ethernet OEM gateway

ACKSYS renews its range of wireless solutions by introducing the WLg-DONGLE, a serial to Ethernet WiFi gateway for industrial applications.

Product relies on the IEEE 802.11 a/b/g/h standard (2.4 / 5 GHz), it features a full high speed RS232 serial interface (up to 250 Kbps) available on a SUBD 9 male connector..

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.

Product is extremely compact (L:103 x W:67 x H:24 mm) in order to be easily connected and integrated with any RS232 serial equipment, consequently opening to equipment access to the wireless world.

It is powered from a +5VDC power source, for a 3.5W typical consumption.



The WLg-DONGLE 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.