

Wireless serial device server & MODBUS/TCP gateway

ACKSYS, French designer and manufacturer of telecommunications solutions for advanced industrial applications widens its Ethernet connectivity offer by introducing WL-COMETH, the first market wireless serial MODBUS to MODBUS/TCP data gateway.

The product is compliant to the IEEE 802.11b (2,4 GHz wireless Ethernet) recommendation and settles like a radio bridge between the serial equipments and the access point, thus removing any cabling between the computer and serial devices.

WL-COMETH also works as a wireless Ethernet to serial device server, based on the RFC2217 standard, featuring virtual COM ports redirector (enables legacy Windows applications to access remote serial devices across TCP/IP wireless network without modification), TCP/IP socket mode, peer to peer connection, Telnet server, TCP client/server etc ...



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. An auto-fallback system automatically reduces speed to 5,5, 2 and 1 Mbps for greater range and/or better signal immunity.

WL-COMETH features one RS232, RS422, RS485 serial port (SUB D9 connector) supporting up to 230,4 Kbps serial speed, signaling LEDs, ESD protection on the serial side and an universal 85-264VAC built-in power supply or DC power supply (+9VDC to +36VDC).

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