

Industrial wireless serial communications

ACKSYS widens its range of wireless communication solutions WL-COMETH with new multi-ports and weather proof models with a size adapted to the constraints of the embarked applications.

WL-COMETH series offers 1, 2, 4 port models with built-in 3 in 1 interfaces : RS232, RS422, RS485 (up to 230.4 Kbps, full duplex), weather proof and extended temperature range models for outdoor applications.

Like the existing model, it works as a serial port server over the wireless Ethernet as well as a gateway between the serial MODBUS and MODBUS/TCP, it also supports the TCP Client / Server mode, the COM port redirection (RFC2217) mode and can be used as a radio modem.

The product is compliant to the IEEE 802.11b (2,4 GHz wireless Ethernet) recommendation, data transfer is secured, nominal range is 300m.



A long range external antenna can be mounted through an RSMA connector.

Signalling LED panel displays the level of the radio link and the activity of the network in order to simplify the installation of the device.

WL-COMETH range features an universal 85-264VAC built-in power supply or a DC power supply (+9VDC to +36VDC) and benefit from an universal mounting system (wall, table & din rail).

ACKSYS also offer WiFi access points and Ethernet bridges.