

**WIFI RS232 / RS422 /
RS485 serial device server
for explosive areas (ATEX)**

ACKSYS characterizes its range of wireless communication solutions (WiFi) by introducing a new model designed for applications in explosive areas.

WL-COMETH-ATEX features a serial port with a 3-in-1 electrical interface: RS232, RS422, RS485 (full duplex, up to 250 Kbps).

Electronic is enclosed in a shockproof rugged aluminum case with two external 3dBI ground plane type antennas for a 300m coverage range.

Cables connection is achieved inside the enclosure through 4 stuffing boxes.



The product fulfills the most severe requirements in terms of operating environment: from -25°C to +80°C, enclosure protection EX II 2GD EExd IIC, antennas protection EX II 2G/D EEx e II, seal rating IP66 for protection against dust and water projections.

WL-COMETH-ATEX is shipped with a virtual COM port software, it supports Point to Point (virtual cable) and multipoint modes as well as TCP Client / Server, UDP and serial MODBUS to MODBUS/TCP data gateway.