

**WIFI RS232 / RS422 /
RS485 serial device
server for industrial
automation**

ACKSYS characterizes its range of wireless communication solutions by introducing a new model designed for embedded applications in the transportation fields.

WL-IDA/S 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 35 mm DIN rail mountable metallic case with a removable 2dBI antenna (RSMA connector) for a 300m coverage range.

It is powered from a +7VDC to +60VDC wide range power supply input.

RS232 connection is achieved through a male SUB D9 connector, RS422/485 signals are available on a 5-pin terminal block.



LEDs enable to monitor WLAN / Serial activity and also to display the quality of the radio link in order to get the best result while installing the device.

WL-IDA/S 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.

WL-IDA/S is designed for industrial applications: data collection, PLC connection ... and satisfy to severe requirements in terms of operating environment: -10°C to +60°C, IP30 enclosure.