

WiFi (automotive E2) Access Point & Ethernet Bridge

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

WL-ABOARD/N works in both Access Point & Ethernet Bridge, it also supports AD-HOC and MODBUS/TCP gateway modes.

Electronic is enclosed in a shockproof rugged aluminum 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.

Signals connection is achieved inside the enclosure through a 10 point clamp cage terminal, cable is output through a stuffing box.

The product fulfills the most severe requirements in terms of operating environment: from -25°C to +80°C, shockproof and vibration proof according to MIL-STD-810F standard, seal rating IP66 for protection against dust and water projections.



WL-ABOARD/N is E2 certified (CE standard for electronic equipments installed aboard vehicle) by UTAC and the French Ministry of Transports.

Thus it can be installed in full safety aboard of all on-road equipments.

Thanks to the built-in HTML configuration page, it is possible to setup the device from any Internet web browser (Internet explorer, Netscape, Mozzila, ...), no specific software's or drivers are required on the computer.

WL-ABOARD/N is a rugged equipment designed for applications in road and rail transportation, depots, warehouses, agriculture, manufacturing floors, docks, distribution centers, shipyards and lumberyards ... it can be mounted in trucks, trains, forklifts, trailers, tractors or cranes, for material handling, real-time information transmission, and inventory management.