

**WiFi Access Point, 2-port  
Ethernet Bridge &  
repeater for explosive  
area (ATEX)**

ACKSYS widens its range of automotive wireless solutions (WiFi) by introducing a new model :

WLg-ACCESS-ATEX is a rugged equipment designed for industrial applications in explosive environment like the chemical industries, refineries, electric stations, very dusty environments and also those where sparks and electric arcs occur ... for material handling, real-time information transmission.

WLg-ACCESS-ATEX can be configured as an Access Point, an Ethernet Bridge or a WDS repeater, in infrastructure and AD-HOC modes. It also supports the MODBUS/TCP, PROFINET & Ethernet/IP industrial protocols.

It supports the IEEE 802.11 b/g WiFi standards (2.4 GHz), for a maximum data rate of 108 Mbps in the super G mode along with the latest in terms of security: WEP, WPA, WPA2 & IEEE 802.1x (RADIUS authentication).



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

Ethernet, antennas & power supply (85-264 VAC) cables connection is achieved inside the enclosure through stuffing boxes

The product fulfills the most severe requirements in terms of operating environment:

from -25°C to +70°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.

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

Product administration can also be achieved through the built-in SNMP server.