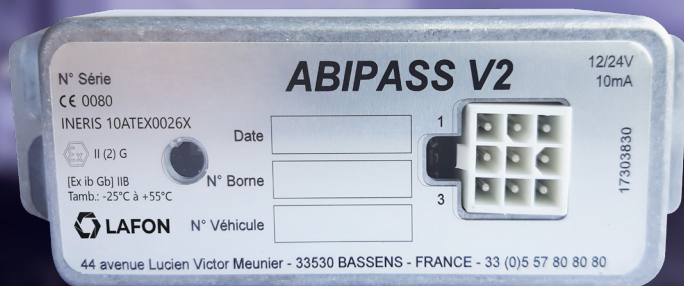


ABIPASS V2

Private distribution and management



RELIABLE
SECURE
CAPABLE



Reliable

The automatic ABIPASS recognition system is designed to meet the myriad needs of private site managers: these professionals know the value of quality equipment that will last.



Secure

ABIPASS allows you to secure and analyse your fuel transactions, according to your company's size and business.



Capable

LAFON management systems are the result of more than 25 years' experience in fuel distribution.

ABIPASS V2

+ PRODUCT

- No need to enter mileage data
- No chance of fuel product errors
- Helps combat fraud

HOW IT WORKS



1. The vehicle arrives at the fuel station



2. The driver inserts the nozzle into the fuel tank



3. The nozzle identifies the tank and sends an authorisation request



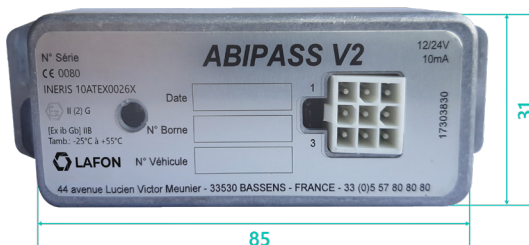
4. If authorised, the fuel is pumped in



5. The vehicle's mileage is sent to the terminal over the radio relay



6. The data is sent to the management software



THE ABIPASS BOX

The box is the mileage relay module, generally positioned in the cab.

THE EMITTER

The infrared emitter is positioned by the vehicle's fuel tank opening.

AREAS OF APPLICATION



Light vehicles



Coaches



Farm vehicles



THGVs



Construction vehicles

STATION EQUIPMENT

The **nozzle holder** is designed for use in ATEX environments, stand up to hydrocarbons and can adapt to ZVA nozzles. Its role is to scan the infrared emitter mounted on the vehicle tank opening and transmit this information by radio.

The holder is battery-operated, making it fully autonomous.



Marking:

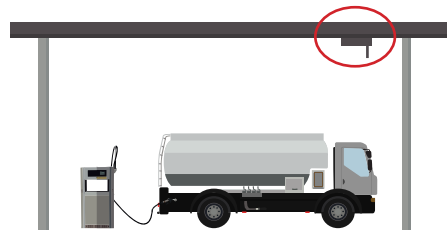
CE 0080 II 2 EEx Ia II BTS

Tamb: -20°C to +55°C

EC examination certificate type:

INERIS 04ATEX0088

The **pump-side antenna** is a radio receiver which picks up the radio bandwidth. It is positioned on the terminal on the fuel station, as close to the distributors as possible. Generally, it is mounted on a mast or under the station awning.



VEHICLE EQUIPMENT

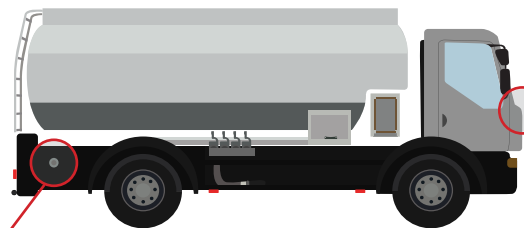
The V2 ABIPASS module

This module is mounted on board the vehicle, connected to the tachograph or a mileage data output. The vehicle is issued a unique identification number.

Marking:

II (2) [Ex Ib Cb] IIB

Tamb: -20°C to +55°C



ABIPASS V2 infrared emitter

There are various installation types to suit different tank opening diameters: HGVs, construction vehicles, buses, ...

Marking:

II 2 Ex Ibop is IIB TV Cb

Tamb: -20°C to +55°C

ATEX certification for the module + emitter assembly
Directive 2014/34/UE
UE inspection certificate type:
INERIS 10ATEX0026X INDEX: 01

CONTACT

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