



# CAN-Guru™ AMBULANCE

## Plug-and-play Ambulance Kit

**CAN-Guru™** – A complete and easy-to-use solution created especially for emergency vehicles.

**The idea is simple : one kit for one vehicle.**



[www.pransystems.com](http://www.pransystems.com)

# PLUG & PLAY KIT

PRAN's **CAN-Guru™ Ambulance** kit is a ready-to-use solution that responds to the needs of different ambulance types and chassis. Using a CAN bus multiplexed system, your vehicle will be at a superior level of customization and reliability.

**All you must do is choose between our three different interface options, configure your parameters through our configuration tool and voilà! Your vehicle is ready to go!**

## INCLUDING

- I/O controller
- Front and rear Interface
- Software
- Harnesses
- CAN communication cable
- Accessories

## THE BRAIN : CAN BUS I/O CONTROLLER

All the logic is enclosed into this module. Self-protected against overcurrent and short-circuits thanks to its built-in characteristics, your vehicle will not require any fuses or relays.

- 24 inputs / 24 outputs
- Maximum continuous power of 120 A
- Rated IP64
- Operating range: -40°C to +80°C

## FRONT INTERFACE

- Smart switches
- Touch screen display : 4.3" or 8.4"



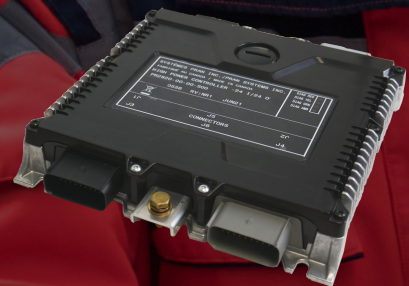
*Front 8.4" screen design*

## REAR INTERFACE

- Smart membrane keypad
- Touch screen display : 4.3" or 8.4"



*Rear 4.3" screen design*



# THE RIGHT KIT FOR THE RIGHT CLIENT

The goal of this kit is to facilitate the integration of new features within the whole electrical system by using CAN bus products. From working with various ambulance manufacturers worldwide, **CAN-Guru™ Ambulance** regroups all the functions you want without compromising the vehicle's behaviour.

## MANUFACTURER ADVANTAGES

- Plug-and-play
- Fast installation
- Optimized electric system
- Reduced cabling (30 to 60%)
- Reduced warranty costs
- Simplified diagnostics and maintenance
- Easy personalization
- KKK-A1822F and NFPA 1917-2016 compliant



## USER ADVANTAGES

- Technological upgrade
- Reduced breakdown periods
- Better reliability
- Reduced vehicle weight and gas consumption
- Live feedback from the whole system
- Optimal integration and system maintenance
- Improved safety



# EASY SYSTEM PERSONALIZATION

Using CAN-Guru Express, default ambulance behaviours can be modified and adapted to specific needs. System behaviour is easily configurable to meet customer expectations. This customization does not require any programming skills.

A truly versatile solution, the CAN-Guru™ Ambulance kit combines simplicity and configurability. In just a few clicks, you can meet your clients' expectations without time-consuming software development and R&D fees.

## KEY ELEMENTS

- Loading and main screen logos
- Emergency light flash patterns
- Dimming of interior lights' intensity
- Situation specific light activation
- HVAC type
- Low voltage threshold and alerts



**Quick & Easy  
Customization**



**No Development  
Fees**



**Profitability  
Growth**



**Autonomous  
Manufacturer**



### HEADQUARTERS

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