

Fleet Management Solution: Bus



Introduction

The convenience and intelligentization of public transport are always important indicators of an advanced city. Busses are a convenient and efficient means of transport in people's daily life, and are quite convenient for daily travel, but progressive bus management personnel don't feel satisfied with this. Instead, they hope to achieve the following goals with information technology:

- Enhancing the security of passengers and drivers;
- Increasing working efficiency of fleet managers and route planners;
- Offering real-time communication and information for drivers and control centers;
- Saving space through reliable industrial design;
- Actively diagnosing and monitoring vehicles;

To meet customers' demands for special applications intelligent busses, Darveen developed a series of products that are well received by customers all over the world.

Solution and Advantages

- **Various vehicle computers**

To meet demands of various service conditions, Darveen offers many types of vehicle mounted computers with different display sizes or stand-alone fanless computers with rugged monitors, giving customers more choices. Those vehicle computers are equipped with a touch screen or an integrated keyboard. The customer may choose the most suitable computer according to his/her actual operating conditions.

- **Rich and various comports**

In order to connect to various sensors around the vehicle, Darveen engineers equip vehicle computer with various and rich comports, including RS-232/422/484, CAN, GPIO, Bluetooth, Ethernet(POE), Video channel...., .

- **Comprehensive Wireless Communication**

In order to improve data communication between vehicle mounted computers and control centers, Darveen's vehicle mounted computer supports multiple methods of wireless communication, including WIFI, GPRS, 3G and the latest LTE, for more choices by customers. Furthermore, this kind of computer is designed for multiple-antennae, and could be equipped with 4 kinds of RF antennas simultaneously, satisfying the needs of many customers.

- **Power supply with features of waterproof, power ignition, UPS and wide-voltage**

As unstable power supply of trucks and harsh environment, Darveen especially design wide-voltage, lightning protector and aviation-connector for power supply to improve their performance. Power ignition to delay booting or shutdown, and a UPS battery to keep the computer on during replacement of forklift battery.

- **Wireless camera**

In order to easily install camera to any area of vehicles, we design wireless camera solutions which only need to provide power to cameras without signal cables.

- **GLONASS/GPS/BD multiple positioning system**

Applicable Fields

- Long-distance bus
- Bus
- School bus
- Taxi

