FAST
SECURE
VERSATILE
USER-FRIENDLY
ROBUST

60 km/h
S4   D0   027   55557135 KENT 35   00001   23.05.2019   12:11:56
Bus Station --> University
Current Stop
CITY CENTER
Next Stop
UNIVERSITY
ADULT
DRIVER

On-Board Unit

AREA OF APPLICATION

Kentkart On-Board Unit (OBU) is designed to enhance driver experience and improve overall fleet efficiency by providing an intuitive interface for on-vehicle network management. It gathers important vehicle-related information and seamlessly shares it with the central office; thereby, ensuring that you have the data you need to keep your fleet running smoothly.

OBU allows easy log-in and log-out so that each driver has secure access to his profile and records. With our alarm management system and effective messaging means, drivers can quickly and efficiently respond to any potential issue that may arise during their route and can easily communicate with the central office. The wide range of interface and connectivity options enable compatibility with various systems while helping drivers to always stay connected and informed wherever their route takes them.

kentkart

On-Board Unit

EASY MOUNTING

FLAME RETARDANT

UV RESISTANT

WORKING UNDER
EXTREME CONDITIONS

SHOCK & VIBRATION
RESISTANCE

TECHNICAL SPECIFICATIONS

Power Supply	PoE PD 802.3af, 9-36 V DC (Non PoE)
Communication Interface	RS232/RS485, USB 2.0 (Host/Client) CAN Ethernet 10/100 Mbps Digital/Analog IO
Operating System	Linux (Kernel 5.10), 696 MHz ARM Cortex A7 Processor
Memory	512 MB DDR3 RAM
Flash Memory	256 MB or 512 MB (NAND) Flash (Optional), 16 MB (NOR) Redundant Data Flash
Real-Time Clock	Battery Powered RTC
Display	800 × 480 7" TFT LCD
Audio	Mono Speaker (min. 1 W)
Internal Modem	4G/LTE Module
User Interface	Capacitive Touch Screen with Reinforced Protection Glass
GPS	High Sensitivity GPS Module
Smart Card Reader	Security Module, GSM Standards
Memory Card Reader	MicroSD Card Reader
Contactless Card Reader	ISO/IEC 14443 Type A/B, Mifare
Operating Temperature	-20˚C to +70˚C
Storage Temperature	-30˚C to +80˚C
Humidity	10% to 90%
Dimensions	(H) 215 x (W) 146 x (D) 55 mm*
Weight	805 g*

*Some technical specifications may change depending on the features requested in the product.

CERTIFICATIONS

- EMARK E24
- IK08
- IP65
- ROHS (Restriction of Hazardous Substances Directive)

- Electromagnetic Compatibility: IEC/EN55032, IEC/EN55024
- Low Voltage Directive: IEC/EN60695
- Shock and Vibration: IEC/EN60068
- CE

kentkart