RITI

Sophisticated Services with Innovative Technologies

IDU-300 3G

3G GPS Vehicle Tracker

CE FC Made In Taiwan

Product Features

Safety and Security

Customizable alerts for emergencies, enable continuous tracking even in power failure caused by external forces.

Accurate Mileage

Mileage computed based on an accurate proprietary algorithm that minimizes the error on fuel mileage refund.

On time Fault Detection

Actively reminding of device faults and automatic FOTA to shorten the service interruption time.

Battery Failure Notification

Detect battery voltage at any time to prevent vehicle from starting.

Expandability with Additional Accessories

Over 10 additional accessories to support various applications, for example: temperature monitoring, dispatching, barcode scanning, punch-card clock…etc.

Taiwan Patent No. I307324

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IDU-300

3G GPS Vehicle Tracker

eLocation Satellite Fleet Management Service

In 2000, the US government opened GPS access for civilian applications. RITI Technology Inc. followed immediately, launched the first GPS based vehicle tracking service, eLocation Satellite Fleet Management Service, and established its leadership in Taiwan. With hardware research, software development, electronic map and satellite image integration, RITI has obtained many patents over the past 23 years. Today, RITI becomes the best service provider with satellite positioning technology and in-depth domain knowledge of fleet management in Taiwan.

With the continuous innovation under eLocation brand, RITI becomes the leader in the Mobile Resource Management, MRM. It provides the most efficient service for vehicle, people, property, and location information for security purpose with integrated and intelligent managements.

IDU-300

IDU-300 is the first 3G IDU (intelligent Data Unit) from RITI. It surpasses 2G tracker limitation, providing a superior solution in fleet management for our customers. With the eLocation fleet managing platform system and mobile APP, IDU-300 is very suitable for monitoring and dispatching vehicles, and reporting abnormality. By connecting IDU with our additional accessories, such as: dispatch panel, temperature sensor…etc, customers are able to monitor the related data through IDU-300 for various applications on our eLocation tracking platform at once. We integrate our accumulated & different MRM domain knowledge to provide the best managing decision support for our customers.

Product Specifications

Dimension	71mm x 85mm x 26mm
Working Voltage	9VDC ~ 35VDC
Working Current	Peak < 500mA @24VDC ; Standby < 80mA @24VDC
Working Temperature	-20℃~60℃
UMTS Module	GSM 850/900/1800/1900 MHz ; UMTS ; HSDPA ; EDGE ; GPRS ; Voice ; SMS
GPS Chipset	MediaTek MT3339
Input Port	Digital input x 4 sets Analogy input x 2 sets Temperature measure input x 2 sets SOS Port x 1 set
Output Port	Digital output x 4 sets
Data Port	RS-232 interface x 2 sets
Memory Capacity	4MB (Max. 30K data) to store data during bad connections and resume data transmission when IDU-300 reconnects to server.
Standard Accessories	GPS antenna; 3G antenna; Power cable set
Optional Accessories	Backup Battery / Barcode Scanner / PND Dispatch Panel / Temperature Sensor / SOS Emergency Button Fuel Sensor / TPMS / i-Button / DVR / RFID Reader / Punch-Card Clock / EPA Special Accessory / Voice Accessory Set
Certifications	FCC; CE; (NCC; EPA-WMO; EPA-PMO; CSC Standard Certification for Taiwan) Made in Taiwan; Patent No.1307324

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