Vehicle Recovery and Fleet Management

Maximize efficiency. Minimize risks. Manage assets.

AN95

The AN95 is designed for global cargo tracking, including land, air and ocean transportation.

IT'S RELIABLE

AN95 is a high performance cellular tracking device designed for cargo transportation, cargo tracking applications. Integrated GNSS receiver, AN95 includes LTE Cat-M modem for wireless data communication. Built-in high-performance antennas are used for cellular radio and GNSS receivers for installation

IT'S SIMPLE

No programming skills required; The AN95 comes with easily configurable application software and an extended set of AT commands. Reports can be triggered periodically or in response to motion, and notifications can be sent for temperature, battery status, air pressure, light, etc.

IT'S FUNCTIONAL

AN95 can be used to track cargo in real time, including location, temperature, pressure and other environmental factors, which will be reported to the server through GNSS or Cat-M, and can also identify the transportation mode of cargo, including land transportation, air transportation, ocean transportation, etc

HIGHLIGHTS

LTE Cat-M

- Integrated cellular and GNSS antenna
- Blue LED&Red LED Used to determine the state of the device
- SMS, UDP, TCP, FTP & MQTT
- Acceleration sensor is used to check the movement pattern of the device and can be used to judge the transportation mode of the device
- The barometer can read the ambient pressure of the device and can also assist in determining the flight mode
- Up to 16 Geo-fences (polygon and circles)
- Over the air configuration and firmware update
- Extended AT Command set for flexible and easy configuration
- Small size and easy installation
- OPTIONAL FEATURES

The application firmware is flexible and can be customized to be compatible with your existing server at special request.

Asiatelco Technologies Inc. | 4611 Teller Ave, Newport Beach, CA 92660, USA
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Specifications:

CELLULAR

- LTE Cat-M,
- GAM 850/1900
- LTE-FDD Bands : 2/4/5/12/13/25/26/66/85
- Integrated high performance antenna

GNSS

- GPS, GLONASS, COMPASS & Galileo
- Tracking Sensitivity : -161 dBm
- Acquisition Sensitivity : -146 dBm
- Location Accuracy : < 2.5CEP

BATTERY INFORMATION

- Type : Alkaline
- Capacity : 6400mAh @ 4.5V
- Battery Life : Motion mode:Up to 5min @ hibernation mode, 1 report per 5min.(depends on the LTE signal strength and how many reports per hour)

ENVIRONMENTAL

- Operation Temperature: -10°C to +50°C without Battery
- Operation Temperature: -20°C to +60°C With Battery
- Storage Temperature: -20°C to +50°C

PHYSICAL

- Dimensions: 107.5 x 69.0 x 24.0 mm
- Internal Cellular and GPS Antennas
- Weight : ~230g

APPROVALS

- FCC 47
- PTCRB & Carrier Approved

Asiatelco Technologies Inc. (ATEL)

Asiatelco is the leading provider of wireless terminal products to its value customers worldwide. Its innovative products and solutions are widely used for reliable broadband access, IoT/M2M applications and voice communication with 4G LTE, 3G & 2G wireless technologies. ATEL's sales and marketing are globally positioned. It has become globally well-known company in the wireless industry due to its excellent products, solutions and services.. For more information, contact Asiatelco Technologies Inc.

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FCC Regulations:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/ TV technician for help.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

IC STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

In order to avoid the possibility of exceeding the IC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

Afin d'éviter la possibilité de dépasser les limites d'exposition aux fréquences radio de la IC CNR102, la proximité humaine à l'antenne ne doit pas être inférieure à 20 cm (8 pouces) pendant le fonctionnement normal.