### Main Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Consumption</strong></td>
<td>Sleep/Idle: 5 W, 100mAh; 25 W, 75 mAh;</td>
</tr>
<tr>
<td></td>
<td>5200 mAh, Li-Ion</td>
</tr>
<tr>
<td><strong>Battery Pack</strong></td>
<td>165 mAh</td>
</tr>
<tr>
<td><strong>Inputs</strong></td>
<td>Accelerometer: 0 - 104,448 LUX (Sunlight);</td>
</tr>
<tr>
<td></td>
<td>0.025 LUX</td>
</tr>
<tr>
<td></td>
<td>± 2.5%</td>
</tr>
<tr>
<td></td>
<td>± 8g</td>
</tr>
<tr>
<td><strong>Sensors</strong></td>
<td>Humidity: ± 1.8 % RH</td>
</tr>
<tr>
<td></td>
<td>Temperature: -45°C to +125°C</td>
</tr>
<tr>
<td><strong>Static RAM</strong></td>
<td>2048 Kb</td>
</tr>
<tr>
<td><strong>CPU Capacity</strong></td>
<td>34 Kb</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>128 Kb</td>
</tr>
<tr>
<td><strong>Cellular Communication</strong></td>
<td>Built-in (concealed)</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>40 x 25 x 4 cm (15.7 x 9.8 x 1.6 inch)</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>Operating: -20°C to +60°C</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>Operating: up to 90%</td>
</tr>
<tr>
<td><strong>GPS</strong></td>
<td>10m CEP (50%)</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td>2 sec (hot start)</td>
</tr>
<tr>
<td><strong>Protocol</strong></td>
<td>Proprietary – encrypted</td>
</tr>
<tr>
<td><strong>Data channels</strong></td>
<td>SMS &amp; TCP/IP</td>
</tr>
<tr>
<td><strong>Antenna type</strong></td>
<td>Built-in (concealed)</td>
</tr>
<tr>
<td><strong>Encryption</strong></td>
<td>Proprietary – encrypted</td>
</tr>
<tr>
<td><strong>Protocol</strong></td>
<td>SMS &amp; TCP/IP</td>
</tr>
<tr>
<td><strong>Over-The-Air commands</strong></td>
<td>Over the air firmware upgrade</td>
</tr>
<tr>
<td><strong>GPS Receiver</strong></td>
<td>Built in GPS receiver connected to the unit,</td>
</tr>
<tr>
<td></td>
<td>allowing remote tracking and enhanced</td>
</tr>
<tr>
<td></td>
<td>location-based analysis.</td>
</tr>
<tr>
<td><strong>Joins</strong></td>
<td>connects to both transmit and receive</td>
</tr>
<tr>
<td><strong>GPS Receiver</strong></td>
<td>connects to both transmit and receive</td>
</tr>
</tbody>
</table>

### Key Features

**Management**
- Programmable Events: Events can be defined to both transmit and set up complex events. For example, you’ll be alerted if the container is broken - even if this break-in bypasses the door.
- Door monitoring: Monitors all switches to alert at any time. The status is shown in the container’s door.

**Programmable Events**
- Contact closure: Sends a message when the contact changes state. The location is shown in the container’s door.
- Door monitoring: Monitors all switches to alert at any time. The status is shown in the container’s door.
- Programmable Events: Events can be defined to both transmit and set up complex events. For example, you’ll be alerted if the container is broken - even if this break-in bypasses the door.

**Door monitoring**: Detects and alerts when the door is opening/closing in a specified designated area at a specified time.

**Over-The-Air commands**: Over the air firmware upgrade and data channel and the data channel. Supported bands are (GPRS or optional 3G), while using both the SMS and the data channel.

**GPS**
- Built-in GPS receiver connected to the unit, allowing remote tracking and enhanced location-based analysis.
- Fully certified and complies with the highest standards in the market, ensuring its stability and reliability.

**License**
- Full license for the container’s last position, in case of going out of GPS coverage.

**Over-The-Air commands**: Over the air firmware upgrade and data channel. Supported bands are (GPRS or optional 3G), while using both the SMS and the data channel.

**Protocol**
- Proprietary-encrypted
- SMS & TCP/IP

**Encryption**
- Proprietary-encrypted
- SMS & TCP/IP

**Over-the-air firmware upgrade**
- Built-in (concealed)
- UMTS/HSPA+, CDMA/1xRTT/EV-DO, LTE
- Quad Band (850, 900, 1800, 1900)

**Monitoring of analog inputs to the unit, allowing remote tracking and enhanced location-based analysis.**

**Communications**
- Cellular Connectivity: Support for GSM networks (GPRS or optional 3G), while using both the SMS and the data channel.
- GPS receiver: Built in GPS receiver connected to the unit, allowing remote tracking and enhanced location-based analysis.
- Fully certified and complies with the highest standards in the market, ensuring its stability and reliability.

**Burn-in tests**: Ensures that the device meets its performance requirements under extreme conditions. The device is subjected to rigorous testing in various environments to ensure its reliability.

**GPS Receiver**: Built in GPS receiver connected to the unit, allowing remote tracking and enhanced location-based analysis.

**Full license**: For the container’s last position, in case of going out of GPS coverage. The GPS receiver is built in and connected to the unit, allowing remote tracking and enhanced location-based analysis.

**Over-the-air firmware upgrade**: Built in (concealed)

**GPRS-Only**: Supported bands are (GPRS or optional 3G), while using both the SMS and the data channel.

**GPS Receiver**: Built in GPS receiver connected to the unit, allowing remote tracking and enhanced location-based analysis.

**Full license**: For the container’s last position, in case of going out of GPS coverage. The GPS receiver is built in and connected to the unit, allowing remote tracking and enhanced location-based analysis.

**Over-the-air firmware upgrade**: Built in (concealed)

**GPRS-Only**: Supported bands are (GPRS or optional 3G), while using both the SMS and the data channel.

**GPS Receiver**: Built in GPS receiver connected to the unit, allowing remote tracking and enhanced location-based analysis.

**Full license**: For the container’s last position, in case of going out of GPS coverage. The GPS receiver is built in and connected to the unit, allowing remote tracking and enhanced location-based analysis.

**Over-the-air firmware upgrade**: Built in (concealed)
Triton R has also been especially designed for refrigerated cargo and integrates multiple sensors, allowing the monitoring of key data which can never be interpolated. With its unique sensor capabilities, the system gathers accurate records of temperature, humidity and light at any desired time interval (e.g., once a second for high-speed events). This is especially important for preventing potential damage and loss of freight. Additionally, in a situation where an unexpected or significant event occurs, or one that deviates from a pre-established setting, the system triggers an alert, such as when the door is opened or closed, and temperature or humidity levels exceed a pre-defined threshold. This allows you to react swiftly and confidently to unforeseen situations.

### Key Features of the system:

- **A standalone system** that is easy to operate and manages the storage environment of containers and reefers, reducing risk of damage and loss.

- **Fast and easy installation** makes the Triton R system convenient for installation.

- **A web-based system** allows for tracking the entire journey on a map and includes a detailed report of all the recordings of the container's activities.

- **A global system** that is all-in-one solution base, due to its built-in sensors, system stability and fast and easy installation.

- **A convenient option** for managing the storage environment of containers and reefers, due to its all-in-one solution base.

- **A standalone unit** allows for tracking the entire journey on a map and includes a detailed report of all the recordings. Data cross-referencing has been made possible, so that one can easily switch between cleanliness, temperature, humidity, and light at any desired time interval in order to warn about possible events of force or impact brought upon the container. The built-in accelerometer keeps you informed about changes in movement or events of impact.

- **Geo-fencing function** tells when a container has entered or left a location.

- **The built-in accelerometer** keeps you informed about changes in movement or events of impact.

- **A fast and easy installation** allows for tracking the entire journey on a map and includes a detailed report of all the recordings. Data cross-referencing has been made possible, so that one can easily switch between cleanliness, temperature, humidity, and light at any desired time interval in order to warn about possible events of force or impact brought upon the container. The built-in accelerometer keeps you informed about changes in movement or events of impact.

- **Key Features of the system:**
  - Fast and easy installation
  - A web-based system
  - A global system
  - A convenient option
  - A standalone unit
  - Geo-fencing function
  - The built-in accelerometer
  - Temperature Sensitive and Special Handling cargo
  - A loss of money.
  - These are goods that demand a higher standard of security:
    - Perishable Cargo such as chilled fruits and vegetables or frozen meat and fish, all require a reefer with the utmost in system reliability in order to avoid spoilage.
    - Healthcare and Chemical Supplies such as medicinal drugs or hazardous substances all require extreme quality and precision.
  - Time Sensing cargo
    - Examples of real time alerts include: door open/closed, temperature high/low, humidity high/low, light on/off, battery charge level, location status and any combination of these.
  - A software system
    - The Triton R system serves and provides real time data to all parties interested in the delivery of a shipment.
  - A on-line system.
    - The Triton R system serves and provides real time data to all parties interested in the delivery of a shipment.

### Applications

- **Temperature Sensitive and Special Handling cargo**
  - Examples of real time alerts include: door open/closed, temperature high/low, humidity high/low, light on/off, battery charge level, location status and any combination of these.
  - **A software system**
    - The Triton R system serves and provides real time data to all parties interested in the delivery of a shipment.
  - **On-line system**
    - The Triton R system serves and provides real time data to all parties interested in the delivery of a shipment.

- **Benefits**
  - **You can Manage**
    - You can be sure that you will be alerted about any significant events or unusual situations in real time. The system is all-in-one solution base, due to its built-in sensors, system stability and fast and easy installation. In only a few simple steps, you can also define special handling to ensure safe delivery.
  - **You can Rely on the built-in sensors**
    - For dry containers only
  - **You Enjoy the User-Friendliness**
    - For dry and refrigerated containers

- **Security**
  - For dry and refrigerated containers

- **You can be Sure that you will be alerted**
  - For dry and refrigerated containers

- **You can be Sure that you will be alerted**
  - For dry and refrigerated containers

### Monitoring Solution for ensuring Safe Delivery of Containers from Origin to Destination

- **Triton R** is a sophisticated tracking system, designed for the purpose of monitoring and tracking dry and refrigerated containers, from the moment the container is sealed until the container is opened when reaching its final destination.

- **Information about the location, condition and temperature of containers is presented in Real-Time,** allowing the monitoring of key data which can never be interpolated. With its unique sensor capabilities, the system gathers accurate records of temperature, humidity and light at any desired time interval (e.g., once a second for high-speed events). This is especially important for preventing potential damage and loss of freight. Additionally, in a situation where an unexpected or significant event occurs, or one that deviates from a pre-established setting, the system triggers an alert, such as when the door is opened or closed, and temperature or humidity levels exceed a pre-defined threshold. This allows you to react swiftly and confidently to unforeseen situations.

- **Triton R is a sophisticated tracking system, designed for the purpose of monitoring and tracking dry and refrigerated containers, from the moment the container is sealed until the container is opened when reaching its final destination.**

- **Refrigerated cargo** integrates multiple sensors, allowing the monitoring of key data which can never be interpolated. With its unique sensor capabilities, the system gathers accurate records of temperature, humidity and light at any desired time interval (e.g., once a second for high-speed events). This is especially important for preventing potential damage and loss of freight. Additionally, in a situation where an unexpected or significant event occurs, or one that deviates from a pre-established setting, the system triggers an alert, such as when the door is opened or closed, and temperature or humidity levels exceed a pre-defined threshold. This allows you to react swiftly and confidently to unforeseen situations.

- **Applications**
  - **Temperature Sensitive and Special Handling cargo**
    - Examples of real time alerts include: door open/closed, temperature high/low, humidity high/low, light on/off, battery charge level, location status and any combination of these.
  - **A software system**
    - The Triton R system serves and provides real time data to all parties interested in the delivery of a shipment.
  - **On-line system**
    - The Triton R system serves and provides real time data to all parties interested in the delivery of a shipment.
The Monitoring Solution for ensuring Safe Delivery of Containers from Origin to Destination

Triton R is a sophisticated tracking system, designed for the purpose of monitoring and tracking dry and refrigerated containers, from the moment the container is sealed until the container is opened when reaching its final destination.

Information available:
- Model name of the device.
- A detailed description of the device’s capabilities.
- A list of features and benefits of the device.
- Application areas where the device can be used.
- Security features and benefits.
- Technical specifications.
- Troubleshooting and maintenance instructions.

Key features of the system:

- **A standout and operations** including web-based software.
- **Fast and easy installation** by attaching the unit to the container door frame with a magnet.
- **Powerful features** including customizable ranges, time-based and temperature high/low, humidity high/low, light sensor, battery level, location data and more.
- **System integration** with various third-party systems.
- **Data transmission** to remote locations via email or SMS.
- **User-friendly interface** for easy navigation and control.
- **Battery life** of up to 90 days.
- **Security features** including geo-fencing, time-based recording, and more.

Applications

- **Container monitoring**: Ensures that the temperature, humidity, and light levels within the container are maintained within acceptable limits, preventing spoilage or damage.
- **Supply chain management**: Provides real-time tracking and monitoring of shipments, ensuring timely delivery and compliance with regulations.
- **Customizable alert settings**: Allows users to set up custom alert thresholds for temperature, humidity, and light, ensuring that alerts are triggered only when necessary.
- **Data analysis and reports**: Generates detailed reports and analytics for post-delivery analysis, providing insights into the performance of the container.

You can be sure that you will be alerted immediately to any changes that occur to your container. You can manage and control the containers via the web-based platform, ensuring that your cargo is delivered safely and on time.

Benefits

- **Increased efficiency**: By monitoring and controlling the temperature, humidity, and light levels within the container, you can ensure that the cargo arrives in the best possible condition, reducing the risk of spoilage and damage.
- **Reduced costs**: By preventing spoilage and damage, you can save money on returns, replacements, and reprocessing.
- **Improved customer satisfaction**: By ensuring that the cargo arrives in the best possible condition, you can improve customer satisfaction and loyalty.
- **Compliance with regulations**: By monitoring and controlling the temperature, humidity, and light levels within the container, you can ensure that the cargo meets all relevant regulations and standards.

Security

- **Advanced encryption**: Ensures that all data transmitted between the device and the cloud is encrypted, protecting it from unauthorized access.
- **User-defined access levels**: Allows you to set up custom access levels for different users, ensuring that only authorized personnel can access the data.
- **Data retention**: Ensures that data is securely retained for a specific period of time, allowing you to comply with relevant regulations.

Triton R is designed to provide you with the most reliable and efficient delivery from origin to destination, in the most cost-effective and environmentally friendly manner possible.
Triton R has also been especially designed for refrigerated cargo and integrates multiple sensors, based on the settings and scheduling defined by the user and sent as an email or text message. Information about the location, condition and temperature of containers is presented in Real-Time. Triton R is a sophisticated tracking system, designed for the purpose of monitoring and tracking dry containers from Origin to Destination. The Monitoring Solution for ensuring Safe Delivery of your cargo – as and when it happens, and to overcome issues in real time if needed, so that the cargo arrives safely to its destination.

Key features of the system:

- A standalone and operable by rechargeable batteries.
- Fast and easy installation by attaching the unit to the container door frame with a magnet.
- The monitoring device is available in two different models to fit any size of the container, due to its all-in-one solution base and consists of power, light, and battery charge level.
- Accuracy; in order to avoid any over or under estimation of the container’s journey.
- Power and battery charge level.
- Temperature; mostly significant for temperature sensitive shipments.
- Visual alerts; in situations where the state of the asset is not within the configured range or it has reached the end of its operational life.
- Battery charge level; including during loading and unloading.

Applications

- Temperature Sensitive and Special Handling cargo
- Perishable Cargo such as chilled foods or vegetables or frozen meat and fish.
- High Risk/Value Cargo
- High value items such as computer equipment, metals and electronic equipment.
- Perishable Cargo such as chilled foods or vegetables or frozen meat and fish.
- Items that have a high chance of being stolen owing to their physical attributes; being small, lightweight and easy to transport such as perfumes, cigarettes and smartphones.
- Security related alerts such as fire or fire-related electronic equipment.
- Items that have a high chance of being swindled owing to their physical attributes being small, lightweight and easy to transport.
- Financial representatives of the system, due to its all-in-one solution base and consists of power, light, and battery charge level.

Information available:

- The current position is provided by the CPS function, shown as a landmark on the map, an address or coordinate.
- Door open/closed.
- Battery charge level.
- Light warning level: the container may indicate that the container door has been left open or unlit, or that there has been an attempt to be made.
- Temperature; mostly significant for temperature sensitive shipments.
- Humidity; mostly significant for humidity sensitive shipments.
- Accuracy; in order to ensure possible threats of an impact or impact brought upon the container, including during loading and unloading.

The monitoring device is available in two different models to perfectly meet different usage requirements. Triton R: For dry and refrigerated containers.
Triton R is a sophisticated tracking system, designed for the purpose of monitoring and tracking dry and reefer containers, from the moment the container is sealed and until the container is opened when reaching its final destination.

Monitoring Solution for ensuring Safe Delivery of Containers from Origin to Destination

Key Features of the system:

- **A standalone and portable** by rechargeable batteries.
- **Fast and easy installation** by attaching the unit to the container door frame with a magnet.
- **Easy recharging** by simply pulling out the battery before replacing it.
- **Temperature change detection** to conform to international requirements.
- **Wide range of alerts and information** for real-time and significant events in real-time.

Information available:

- **Temperature**: mostly significant for temperature sensitive shipments.
- **Proximity**: used for forwarders to quickly locate a container.
- **Battery charge level**: including during loading and unloading.
- **Lighting condition**: used for medicines or equipment, goods for a limited time (sales) or season related items.
- **Healthcare and Chemical Supplies**: such as medical syringes or hazardous substances all require real-time information to be delivered.
- **Security related cargo**: such as firearms or confidential equipment.
- **Items that have a high chance of being stolen owing to their physical attributes**: being small, lightweight and easy to transport such as perfumes, cigarettes and smartphones.
- **Pressure related cargo**: such as dumpsters or hazardous substances.
- **Impact; in order to warn about possible events of force or impact brought upon the container, keeps you informed about changes in movement or events of impact.
- **A built-in accelerometer raises notifications when a container has entered or left a location.
- **GPS function**: shown as a landmark on the map, an alert is sent when the container is out of the pre-defined area.
- **The system captures video**: to record events of impact brought upon the container, increases operational efficiency and keeps your container’s journey.

Applications

- **Maximum Control** to prevent any possible loss of merchandise, and ultimately loss of money.
- **You can use the system for all types of cargo**; for dry containers only
- **Triton R can serve as your electronic seal, monitoring and ensuring that your container and cargo arrive safely**.

Information available:

- **Lightweight and easy to transport** such as perfumes, cigarettes and smartphones.
- **High value items such as computer equipment, metals and electronic equipment**.
- **Items that have a high chance of being stolen owing to their physical attributes**; being small, lightweight and easy to transport such as perfumes, cigarettes and smartphones.
- **Equipment, goods for a limited time (sales) or season related items**.
- **Prohibited items**.
- **These are shipments that are considered unsafe or are items that are banned from entering the country, examples include drug and human trafficking.**
- **Triton R can also be useful for preventing “customs avoidance” schemes**.
- **You can be sure that you will be alerted to any significant events or unusual situations in real-time. The system is automatically checked to overcome any challenges or obstacles during the journey**.
- **The monitoring device is available in two different models to perfectly meet different usage requirements**: Triton R for dry and refrigerated containers.

Benefits

- **You can be sure that you will be alerted to any significant events or unusual situations in real-time**.
- **The system is automatically checked to overcome any challenges or obstacles during the journey**.

Requirements

- **Triton R lends itself uniquely to all these applications**, so it allows you to observe and reach your goods from a distance. It enables you to have a true understanding of what is happening with your cargo – as and when it happens, and to overcome issues in real time if needed, so that the most reliable and efficient delivery from origin to destination is made possible.
**Main Specifications**

* Environmental
  - Temperature: 0°C to 70°C (32°F to 158°F)
  - Operating Humidity: 20% to 95%

* Power/Dimension
  - Voltage: 3.7V
  - Internal Memory: 165 mAh
  - External Memory: 100mAh
  - External Memory: 75 mAh
  - MicroSD Card: 5200 mAh
  - Type: Li-Ion
  - Size: 40 x 25 x 4 cm (15.7 x 9.8 x 1.6 inch)

* Sensors
  - Light Sensitivity: 0 - 104,448 LUX (Sunlight)
  - Accelerometer Sensitivity: ± 0.07 ± 2.5%
  - Resolution: ± 8g
  - Accuracy: ± 1.8 %
  - Temperature: -45°C to +125°C
  - Humidity: 0% to 100%
  - Temperature: ± 0.2°C

* Communication
  - GPS: 34 Kb
  - Flash Memory: 128 Kb
  - Antenna Type: Built in (concealed)
  - Frequency: 850/900/1800/1900 MHz
  - Network: Quad Band (850, 900, 1800, 1900)
  - Protocol: SMS & TCP/IP
  - Velocity Detection: 0.2m/s (50%)
  - Accuracy: 10m CEP (50%)
  - Time to First Fix (TTFF): 2 sec (hot start)

* Management
  - Programmable Events: Events can be defined in both knock-out and set on or off events. For example, if you're alerted if the container is locked, and even if the knock-out bypasses the door.
  - Network-based alerts: Cells have been specifically designed for a specified time.
  - Value Monitoring: Monitoring of analog inputs to alert when temperatures, humidity or light exceed specified limits.
  - Mileage Management: Mileage from the container's travel is stored in memory for later transmission.
  - Automated Tracking: Automatic support for container tracking at specified time, without sending additional commands.

* Container Protection
  - Accident and Falling: Built-in accelerometer serves as both accident and a harsh braking detector.
  - Door monitoring: Detects and alerts about opening/closing of the container's door.

* Key Features
  - Compact Protocol: Less than 70 bytes per message enables very small bandwidth usage and lower communication costs.
  - Over-The-Air commands: Over-the-air firmware upgrade to apply new features to already-installed units.
  - Tracking: To remotely send periodic transmissions from the unit in intervals between 10 seconds to 5 days.
  - Mileage Transmissions: Option to remotely set periodic mile transmissions for the container's needed maintenance.
  - Automated Support: Automatic support for the container's needed maintenance.
  - Automated Support: Automatic support for the container's needed maintenance.
  - Events can be defined in both knock-out and set on or off events. For example, if you're alerted if the container is locked, and even if the knock-out bypasses the door.
  - Fully Certified: Certified and compliant with the highest standards in the industry.

**Starcom Systems**

Starcom Systems is a leading global company, specializing in advanced automated real-time systems for remote and real-time management of vehicles, containers, assets and people. All systems are characterized by strength, stability and continuous performance.

Starcom Systems is publically traded at the AIM Market of the London Stock Exchange, conforming to the highest and most strict regulations in the market, proving its stability and reliability.

Starcom's systems provide a complete solution, consisting of innovative equipment and unique software. Thanks to the user-friendliness of the system, it provides useful and effective solutions, based on the users' settings and requirements.

With more than 15 years of experience and expertise, Starcom Systems distributes and sells its products through 11 technology partners and independent operators in more than 53 countries, and its application speaks in 24 languages. As a global company, Starcom's systems provide a complete solution, consisting of innovative equipment and unique software.

Starcom Systems is characterized in strength, stability and continuous performance.

Starcom Systems is a leading global company, specializing in advanced automated real-time monitoring solutions for Dry and Refrigerated Containers.
## Main Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industry Approvals</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Full Certification</strong></td>
<td>- Fully certified and complies with the</td>
</tr>
<tr>
<td></td>
<td>highest and most strict regulations in the</td>
</tr>
<tr>
<td></td>
<td>market, proving its stability and reliability</td>
</tr>
<tr>
<td><strong>Product Certification</strong></td>
<td>- Includes certifications from all the</td>
</tr>
<tr>
<td></td>
<td>leading standards in the world, including</td>
</tr>
<tr>
<td></td>
<td>E 24 certification, Safety</td>
</tr>
<tr>
<td></td>
<td>certification, EMC test certification,</td>
</tr>
<tr>
<td></td>
<td>Tuv-Rheinland certification and more.</td>
</tr>
<tr>
<td><strong>Batch Code</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Version Code</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Model Number</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Component</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Battery Pack</strong></td>
<td>165 mAh, 100 mAh, 75 mAh, 5200 mAh (Li-Ion)</td>
</tr>
<tr>
<td><strong>GPS Receiver</strong></td>
<td>Built in (concealed)</td>
</tr>
<tr>
<td><strong>Firmware Upgrade</strong></td>
<td>Over the air firmware upgrade</td>
</tr>
<tr>
<td><strong>Internal Logging</strong></td>
<td>whenever a transmission fails to be sent,</td>
</tr>
<tr>
<td></td>
<td>or if the connection is lost.</td>
</tr>
<tr>
<td><strong>Backup Server</strong></td>
<td>Backup host name support in case</td>
</tr>
<tr>
<td></td>
<td>of main server has gone offline.</td>
</tr>
<tr>
<td><strong>Backup Host Name</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DNS Support</strong></td>
<td>DNS Save, DNS Save for later transmission</td>
</tr>
<tr>
<td></td>
<td>or if the connection is lost.</td>
</tr>
<tr>
<td><strong>Encryption</strong></td>
<td>Protocol encryption to provide</td>
</tr>
<tr>
<td></td>
<td>maximum security between the container and</td>
</tr>
<tr>
<td></td>
<td>the center.</td>
</tr>
<tr>
<td><strong>Over-The-Air commands</strong></td>
<td>Over-the-air firmware upgrade to apply</td>
</tr>
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<td>new features to already-installed units.</td>
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<td><strong>Monitoring Solutions for Dry and Refrigerated Containers</strong></td>
<td>Above All</td>
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**Main Specifications**

- **Industry Approvals**: Fully certified and complies with the highest and most strict regulations in the market, proving its stability and reliability.
- **Certifications**: Including E24 certification, Safety certification, EMR test certification, Solar SRAR certification, and more.

**Key Features**

**Management**

- **Programmable Events**: Events can be defined for almost every and set as complex events. For example, you’ll be alerted if the container is broken in transit or - even if the break-in bypasses the door.
- **Door monitoring**: Detects and alerts about opening/closing of the container’s door.
- **GPS Receiver**: Dedicated GPS receiver connects to both transmit and act on complex events. For example, you’ll be alerted if the container is broken in transit or - even if the break-in bypasses the door.

**Communication**

- **Cellular Connectivity**: Support for GSM networks (GPRS is optional), while using both the SIM channel and the data channel. Supported bands: GSM900/1800/1900 MHz. Optional support for CDMA and HSDPA networks.
- **TCP Connectivity**: Support the 802.5 TCP/IP, IPsec, and both IPv4 and IPv6 network protocols.

**Container Protection**

- **Accident and falling**: Built-in accelerometer serves as both accident and a harsh braking detector.
- **Door monitoring**: Detects and alerts about opening/closing of the container’s door.
- **GPS/Global Positioning System**: Built-in GPS receiver connected to the main server to apply new features to already-installed units. Over the air firmware upgrade saves communication costs.

**GPS/Global Positioning System**

- **Last Location Saving**: Whenever a transmission fails to be sent, the white message is used to the last message for retransmission. 50,000 complete messages can be recorded this way.

**Internal Logging**: Internal logging enables very small bandwidth usage and message compression.

**Events**

- **Events can be defined**: Defined as both accident and a harsh braking detector. For example, you’ll be alerted if the container is broken in transit or - even if the break-in bypasses the door.

**Other**

- **Connecting to a server by its host name**: Full grown internet solutions can be recorded this way.
- **Fully certified and complete**: With more than 15 years of experience and expertise, Starcom Systems distributes and sells its products through 153 technology partners and independent operators in more than 150 countries, and its application written in 24 languages. As a global company, Starcom Systems products include certifications from all the leading standards in the world, including E24 certification, Safety certification, EMR test certification, Solar SRAR certification, and more.

- **Starcom’s monitoring solutions**, consisting of innovative equipment and unique software, provide you with the freedom and flexibility you need to operate your vehicles, containers, assets and people. All systems are characterized by high stability and continuous performance.

- **Starcom Systems is a leading global company**, specializing in advanced automated real-time systems for remote tracking and management of containers, assets, and people. All systems are characterized by high stability and continuous performance.