GUTA GT30+4GS02+GB30

GUTA RV Tire Pressure Monitoring System (TPMS)

Model: GT30+4GS02+GB30 - Instruction Manual

1. Product Overview

The GUTA RV Tire Pressure Monitoring System (TPMS) is designed to provide real-time tire pressure and temperature data for RVs, campers, motor homes, and trailers. This system includes a monitor, four sensors, and a signal booster to ensure reliable performance over long distances and for multiple vehicle configurations.

Key features include:

- **Real-Time Monitoring:** Displays up to 10 tires' data on one page, with automatic switching between front and rear sections. Capable of monitoring up to 34 tires across 3 trailers (T1/T2/T3).
- **Wide Range:** Handles tire pressures up to 188 PSI and temperatures up to 185 °F.
- **Six Alert Modes:** High/low tire pressure, high temperature, fast leak, missing sensor signal, and low sensor battery alerts.
- **Power-Saving Display:** Built-in rechargeable lithium battery provides 12-14 days of use after a 4-hour charge. Enters power-saving mode after 15 minutes of no motion or vibration.
- **Long Sensor Battery Life:** Sensors have a battery life of up to 4 years, with replaceable CR2032 batteries.
- **Signal Booster:** Included to enhance signal strength and overcome distance or electromagnetic interference challenges.

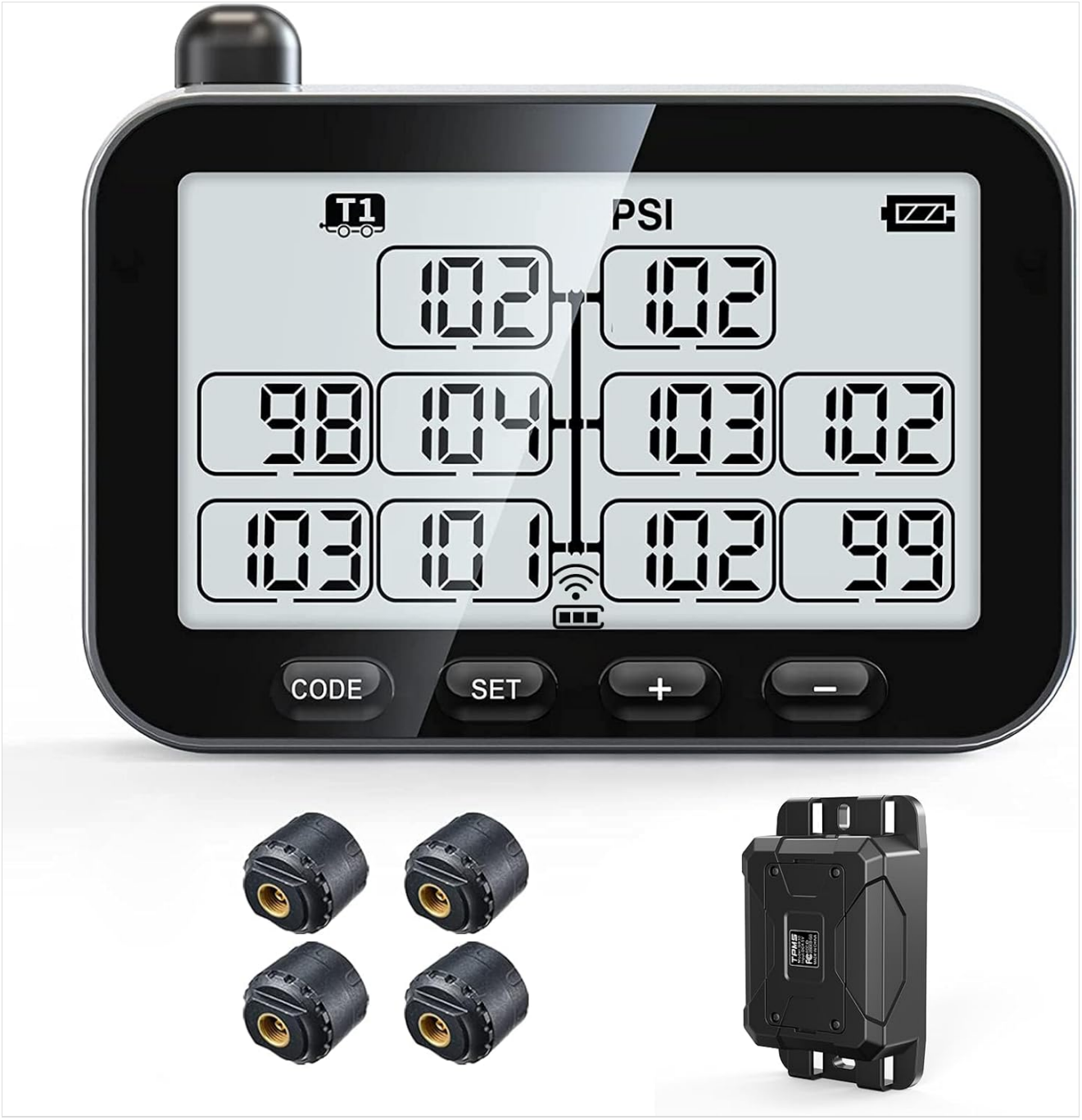

Image 1.1: GUTA RV TPMS Monitor, 4 Sensors, and Signal Booster. This image shows the main components of the system: the display monitor, four tire pressure sensors, and the signal booster.

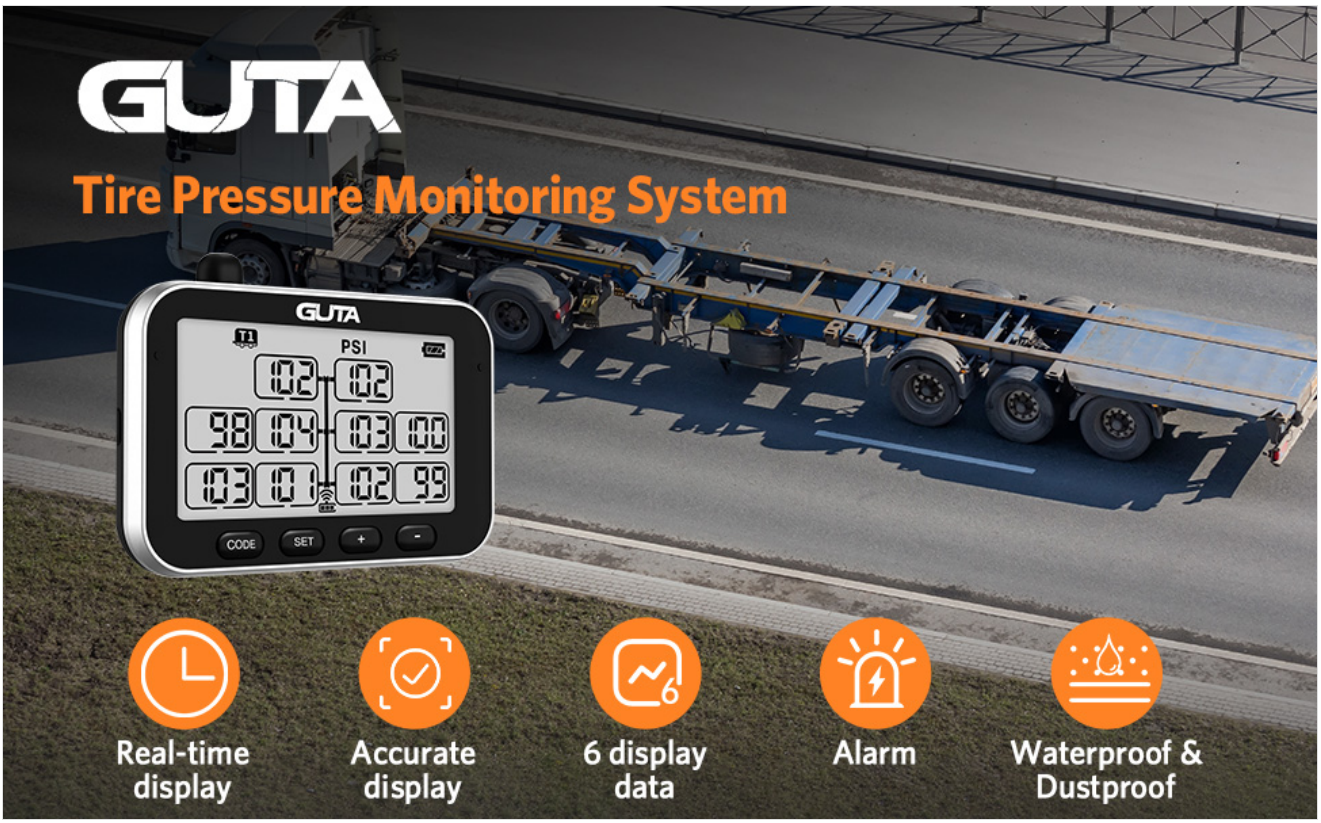

Image 1.2: GUTA TPMS System Features. This graphic highlights the system's capabilities including real-time display, accurate readings, 6 data displays, alarm functions, and waterproof/dustproof design.

2. Setup and Installation

2.1 Monitor Installation

The monitor can be installed in two ways: on the dashboard or on the windshield. Choose the method that provides the best visibility and accessibility for the driver.

- **Dashboard Installation:** Use the provided adhesive pad to secure the monitor base to a flat surface on your dashboard.
- **Windshield Installation:** Attach the suction cup mount to the windshield and then secure the monitor to the mount.

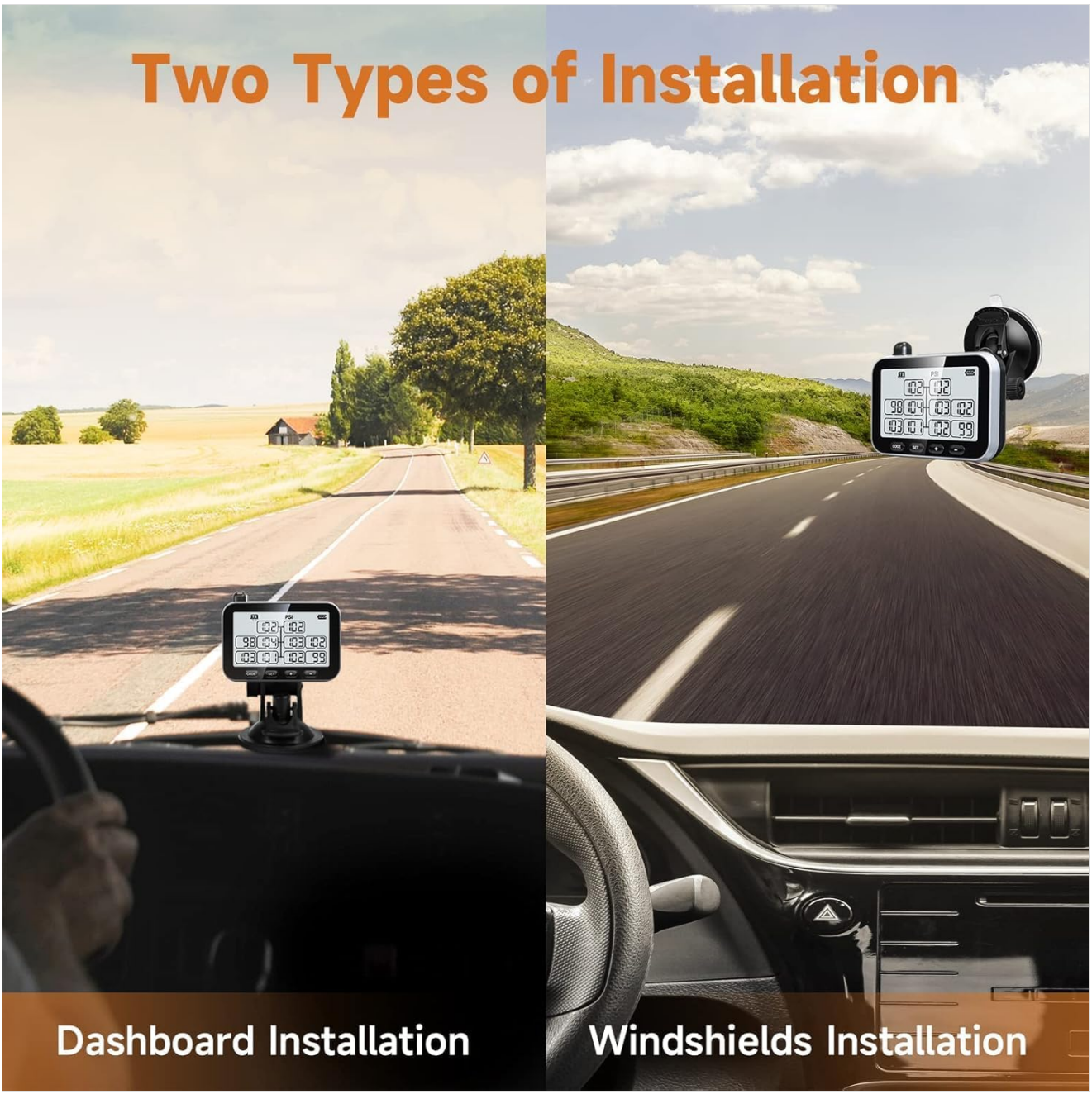

Image 2.1: Dashboard and Windshield Installation Options. This image illustrates the two primary methods for mounting the TPMS monitor inside the vehicle.

2.2 Sensor Installation and Programming

The GUTA TPMS features an easy sensor setup process. It is recommended to install cap sensors on metal valve stems for reliable performance and safety.

1. **Pre-Programming:** The wireless programming process allows you to assign and program the anti-theft sensors before physical installation. This eliminates the need for programming during installation.
2. **Physical Installation:** Screw each sensor onto the corresponding tire's valve stem. Ensure they are securely tightened to prevent air leaks.
3. **Reference Pressure Setup:** Upon pairing, the system automatically configures the current tire pressure as the reference point. You can then set alarm thresholds, typically within an alarming range of +25% PSI to -15% PSI of this reference pressure.

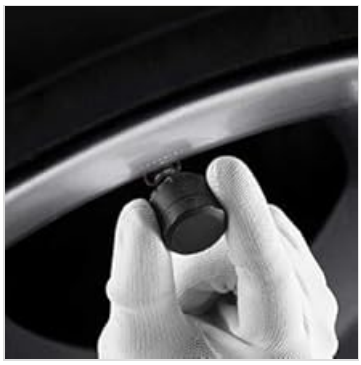

Image 2.2: Sensor Installation. A close-up view of a hand installing a tire pressure sensor onto a valve stem.

2.3 Signal Booster Placement

For larger vehicles or multi-trailer setups, the signal booster is crucial for maintaining a strong and stable connection between the sensors and the monitor. Install the signal booster in a central location, typically between the vehicle and the furthest trailer, to maximize signal range and minimize interference.

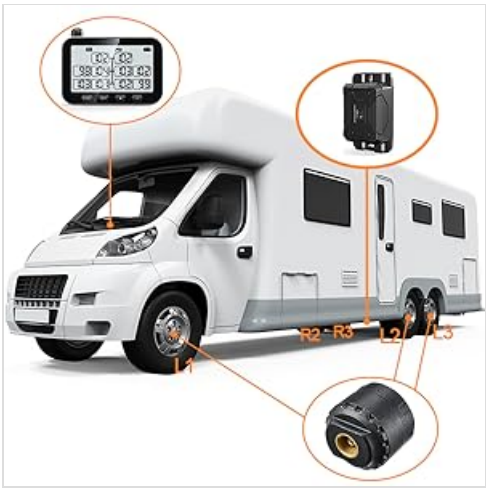

Image 2.3: RV with TPMS Components Diagram. This diagram illustrates the typical placement of the monitor, sensors, and signal booster on an RV.

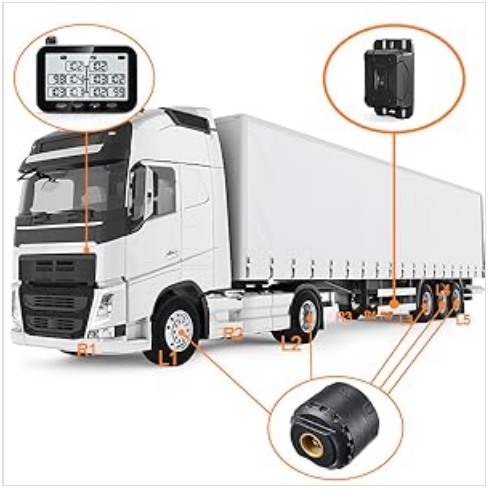

Image 2.4: Truck with TPMS Components Diagram. This diagram illustrates the typical placement of the monitor, sensors, and signal booster on a truck.

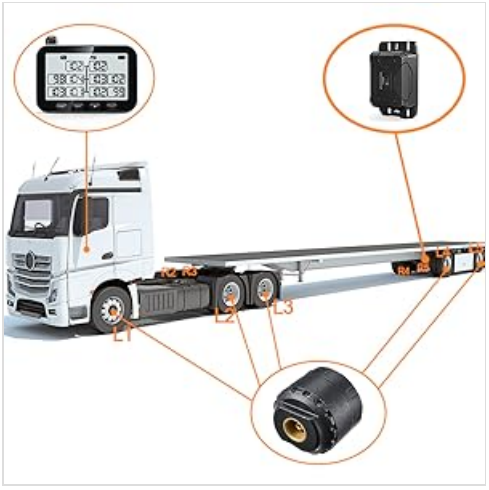

Image 2.5: Truck with Trailer TPMS Components Diagram. This diagram illustrates the typical placement of the monitor, sensors, and signal booster on a truck with an attached trailer.

3. Operating Instructions

3.1 Powering On/Off

Press and hold the power button on the monitor to turn it on or off. The monitor will automatically enter power-saving mode if no motion or vibration is detected for 15 minutes.

3.2 Monitoring Tire Data

Once powered on and sensors are active, the monitor will display real-time pressure and temperature data for your tires. The display automatically cycles between the front vehicle and trailer sections (T1, T2, T3) if multiple trailers are configured.

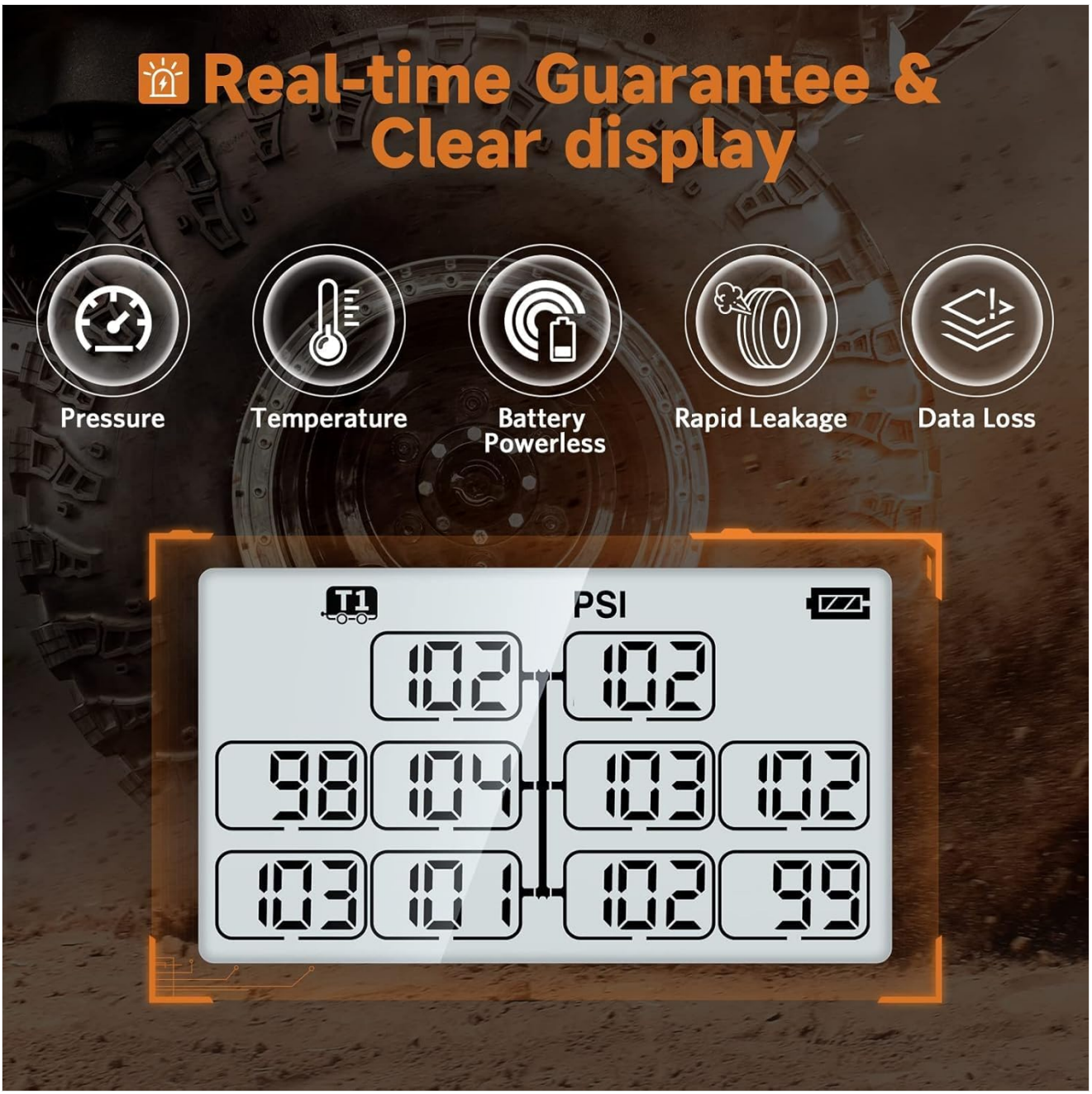

Image 3.1: Real-time TPMS Display. This image shows the monitor displaying tire pressure readings for multiple tires, along with icons for various alerts.

3.3 Understanding Alerts

The system provides visual and audio warnings for various tire conditions:

- **High/Low Pressure Alert:** Activates when tire pressure deviates significantly from the preset reference range.
- **High Temperature Alert:** Warns if a tire's temperature exceeds a safe threshold.
- **Fast Leak Alert:** Notifies you of a rapid loss of tire pressure.
- **Missing Sensor Signal Alert:** Indicates a loss of communication with a specific sensor.
- **Low Sensor Battery Alert:** Signals when a sensor's battery is running low.

When an alert occurs, address the issue promptly to ensure driving safety.

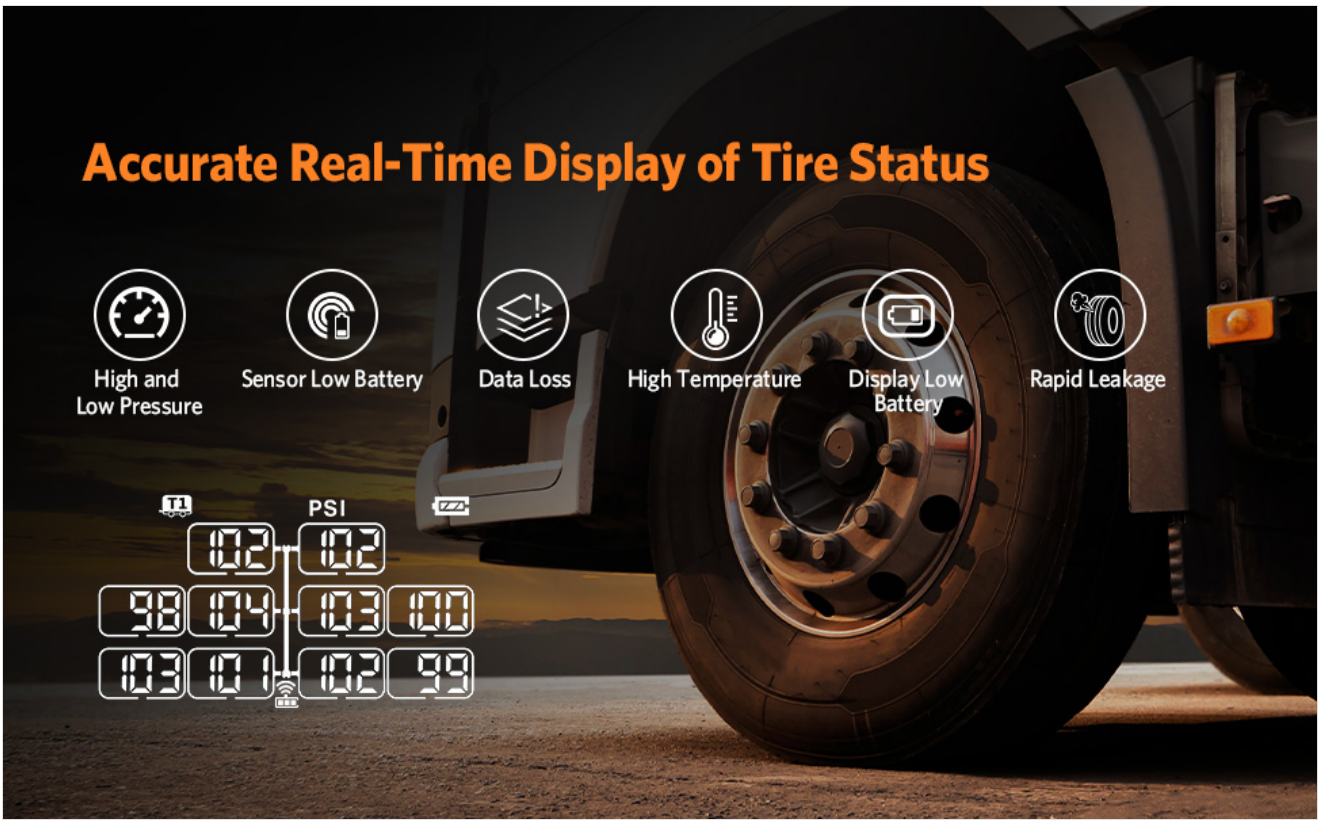

Image 3.2: TPMS Alert Icons. This graphic displays various alert icons, including high/low pressure, sensor low battery, data loss, high temperature, display low battery, and rapid leakage.

4. Maintenance

4.1 Monitor Battery Charging

The monitor has a built-in rechargeable lithium battery. Connect the monitor to a USB power source using the provided cable. A full charge typically takes 4 hours and provides 12-14 days of continuous use.

4.2 Sensor Battery Replacement

The sensors use replaceable CR2032 batteries, which typically last up to 4 years. When a low sensor battery alert is displayed, replace the battery promptly:

1. Carefully unscrew the sensor cap.
2. Remove the old CR2032 battery.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Securely reattach the sensor cap.

4.3 General Care

Keep the monitor and sensors clean and free from excessive dirt or debris. Avoid exposing the components to extreme temperatures or harsh chemicals.

5. Troubleshooting

If you encounter issues with your GUTA TPMS, refer to the following common problems and solutions:

- **No Signal/Missing Sensor Alert:**
    - Ensure sensors are securely installed and within range of the monitor or signal booster.

- Check sensor battery levels and replace if necessary.
- Verify the signal booster is powered on and correctly positioned, especially for long vehicles or multiple trailers.

- **Inaccurate Readings:**
  - Confirm sensors are correctly paired to their respective tire positions.
  - Recalibrate the reference pressure if tire pressures have been significantly adjusted.
  - Ensure sensors are clean and free from obstructions.
- **Monitor Not Entering Sleep Mode:**
  - The monitor requires approximately 15 minutes of no motion or vibration to enter sleep mode. Ensure the vehicle is completely stationary.
  - If the issue persists, contact customer service.
- **Display Dimness:**
  - The backlight adjusts automatically to ambient brightness. Ensure the monitor's light sensor is not obstructed.
  - If the display remains consistently dim, contact customer service.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact the GUTA customer service team for assistance.

6. Specifications

Feature	Specification
Brand	GUTA
Model Number	GT30+4GS02+GB30
Manufacturer	Shenzhen Huatai Electronics Co.,Ltd
Max Tire Pressure	188 PSI
Max Tire Temperature	185 ℉
Max Number of Tires Monitored	34
Max Number of Trailers	3 (T1/T2/T3)
Monitor Battery Life	12-14 days (after 4-hour charge)
Sensor Battery Type	CR2032 (replaceable)
Sensor Battery Life	Up to 4 years
Item Weight	1.45 pounds
Package Dimensions	8.46 x 6.7 x 2.36 inches

7. Warranty and Customer Support

GUTA is committed to providing reliable products and excellent customer service. For any questions regarding

product operation, troubleshooting, or warranty information, please contact our professional customer service team.

Contact details for support can typically be found on the product packaging, the GUTA official website, or through your purchase platform.

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