

TRACALOGIC (OPC) PRIVATE LIMITED

Solution Beyond Tracking



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Welcome To Tracalogic IOT Gateways

GPS/GPRS Based Tracking Devices

At Tracalogic, we specialize in providing innovative IoT solutions that empower businesses and individuals to stay connected, informed, and secure. With cutting-edge technology and a commitment to excellence, we deliver real-time tracking capabilities that enhance visibility and control over your assets.



CLIENTS

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DEFENCE



L'ORÉAL



BAXY | Mobility



DELHIVERY



DS GROUP



Digital E-Locks

TL701



Digital E-Locks – TL701

Key Features

- Real-Time GPS Tracking.
- Tamper-Resistant Locking System
- Remote Lock & Unlock
- Geofencing Alerts
- Long Battery Life
- Rugged & Weatherproof (IP67 Rated)
- Shock & Vibration Detection
- 4G LTE Connectivity

Technical Specifications

- GPS Tracking: Multi-satellite support (GPS, GLONASS, Beidou)
- Connectivity: 4G LTE, 3G, and fallback to 2G for reliable global communication
- Battery Life: Up to 6 months (depending on usage)
- Tamper Detection: Shock, vibration, and unauthorized opening alerts
- Locking Mechanism: Heavy-duty steel shackle with remote control functionality
- Operating Temperature: -20°C to +70°C, suitable for various environmental conditions
- Waterproof Rating: IP67, ensuring durability in harsh weather conditions

Digital E-Locks – TL300

TL300



Key Features

- Real-Time GPS Tracking.
- Tamper-Resistant Locking System
- Remote Lock & Unlock
- Environmental Monitoring
- Long Battery Life
- Rugged & Weatherproof (IP67 Rated)
- Shock & Vibration Detection
- 4G LTE Connectivity

Technical Specifications

- Appearance
Body:100*70*42.5mm;
Shackle:8mm
- Material: Shackle:304
Stainless steel; Body:
Aluminium alloy
- Communicate 4G LTE
Bluetooth 5.2
- GNSS: BDS/GPS/Glonass
(Optional) Accuracy
CEP≤3m
- Seal/Unseal
Reader/NFC/BLE/Remote
- Alarm:Tamper, Cut, Low
battery
- Battery:9600mnAh; duraon
4-120 days
- Storage:Built-in Flash > 8000
blind spots
- Temperature:-40 °C to 70°C

Digital E-Locks - TL400

TL400



Key Features

- Real-Time GPS Tracking.
- Tamper-Resistant Locking System
- Remote Lock & Unlock
- Geofencing Alerts
- Long Battery Life
- Shock & Vibration Detection
- 4G LTE Connectivity
- Environmental Monitoring
- Comprehensive Data Logging

Technical Specifications

- Tracking System: GPS/GLONASS/Beidou compatibility
- Connectivity: 4G LTE with fallback to 3G/2G for global coverage
- Battery Life: Up to 6 months per charge
- Tamper Detection: Built-in shock and vibration sensors
- Lock Mechanism: Heavy-duty electronic lock with remote access
- Operating Temperature: -20°C to +70°C
- Water and Dust Resistance: IP67-rated for protection against harsh environments

TL300P



Digital E-Locks – TL300P

Key Features

- Real-Time GPS Tracking.
- Tamper-Resistant Locking System
- Remote Lock & Unlock
- Long Battery Life
- Rugged & Weatherproof (IP67 Rated)
- Shock & Vibration Detection
- 4G LTE Connectivity
- Environmental Monitoring
- Comprehensive Audit Trail

Technical Specifications

- Appearance Body:108*86*47.6mm
Shackle:8mm
- Material Body:Aluminum alloy
- Communicate 4G LTE Bluetooth 5.2
- GNSS:
BDS/GPS/Glonass(Optional)
Accuracy CEP≤3m
- Password: Dynamic password
unseal
- Seal/Unseal:
Reader/NFC/BLE/Remote/
Password
- Alarm: Tamper, Cut, Low battery
- Battery: 9600mAh; duration
4-120 day
- Storage: Built-in Flash > 8000
blind spots
- Temperature:-40 °C to 70°C

BSJ AI Dashcam-TL13T



BSJ AI Dashcam-TL13T

Key Features

- Dual HD Recording
- ADAS & DMS Alerts
- 4G LTE Connectivity
- Real-Time GPS Tracking
- Collision Detection
- Two-Way Communication
- Parking Monitoring
- SOS Button
- Overspeed & Power Alerts
- Remote Video Access
- 512GB Storage Support

Technical Specifications

- Front Camera: 3.6mm lens, 110° FOV, 1080P HD
- Rear Camera: 2.8mm lens, 140° FOV, 720P HD
- Wi-Fi: 2.4GHz
- GPS & BD: Dual-mode positioning
- Storage: Supports TF card (up to 512GB)
- Video Format: H.264, 15 FPS
- Audio: input (G711 A) for clear voice recording and communication

BSJ Dashcam-TL13



BSJ AI Dashcam-TL13T

Key Features

- Dual-Camera Recording
- 4G LTE Connectivity
- Dual-Mode GPS & BD
- Collision Detection
- Two-Way Communication
- Vibration Alarm
- SOS Button

Technical Specifications

- Front Camera: 3.6mm lens, 110° FOV, 1080P HD
- Rear Camera: 2.8mm lens, 140° FOV, 720P HD
- Network: 4G LTE
- GPS & BD: Dual-mode positioning
- Storage: Supports SD card (up to 256GB)
- Sensors: 3-axis G-Sensor for collision detection
- Power Supply: 12V/24V compatible
- Audio: Built-in mic and speaker

Dashcam-MITAEX



Dashcam-MITAEX

Key Features

- AI-Based DMS Monitoring
- Advanced ADAS Alerts
- Built-in GPS Tracking
- 4G LTE & Wi-Fi Connectivity
- Supports up to 512GB Storage
- Dual 1080p HD Recording

Technical Specifications

- Camera Resolution: Dual 1080p Full HD (front and rear)
- Lens Angle: 140° wide-angle lens
- Display: 3.0-inch LCD screen for easy playback and configuration
- GPS Module: Integrated GPS for real-time tracking and route data
- Connectivity: Wi-Fi and 4G LTE for seamless cloud-based data transfer
- Storage: Supports microSD cards up to 256GB for extensive video storage
- Operating Temperature: -20°C to +70°C, suitable for various environmental conditions
- Power Supply: 12V/24V compatibility for all types of vehicles

OMNICOM Fuel Level Sensor



Key Features

- Up to 99.5% Accuracy
- Real-Time Fuel Monitoring
- Instant Alerts
- Durable & Weatherproof (IP69K Rated)
- Seamless Integration
- Multiple Communication Interfaces
- Wide Measurement Range (100mm – 3000mm)

Technical Specifications

- Measurement Range: 100mm to 3000mm, suitable for various tank sizes.
- Operating Temperature: -60°C to +85°C, ideal for extreme weather conditions.
- Power Supply: 10-50V DC, compatible with a wide range of vehicles and equipment.
- Communication Interface: RS232, RS485, and CAN interfaces for seamless data integration.
- Protection Level: IP69K rating ensures resistance to water, dust, and other environmental factors.

MIELTA Fuel Level Sensor

MIELTA Fuel Level Sensor



Key Features

- 99% Accuracy in Fuel Measurement
- Wireless Connectivity (Bluetooth 5.0)
- Instant Alerts for Fuel Theft
- Durable & Weatherproof (IP67 Rated)
- Seamless Integration
- Multiple Communication Interfaces
- Wide Measurement Range (100mm – 4000mm)

Technical Specifications

- Measurement Range: 100mm to 4000mm, suitable for a wide variety of fuel tank sizes and applications.
- Operating Temperature: -40°C to +85°C, ensuring reliability in extreme weather conditions.
- Power Input: 9-36V DC, making it compatible with most vehicle and equipment electrical systems.
- Communication Protocols: Supports RS232, RS485, CAN, and wireless connectivity for versatile system integration.
- Ingress Protection: IP69K certification ensures resistance to water, dust, and physical impact, extending sensor life and reliability.

STRELA Fuel Level Sensor

STRELA Fuel Level Sensor



Key Features

- Up to 99.5% Accuracy
- Real-Time Monitoring
- RS485, CAN & Wireless Support
- Rugged, Weather-Resistant Design
- Multi-Tank Compatibility
- Plug-and-Play Installation
- Instant Alerts

Technical Specifications

- Measurement Range: 100mm to 5000mm, adaptable to a wide variety of tank sizes.
- Operating Voltage: 9–36V DC, compatible with most vehicle and equipment electrical systems.
- Temperature Range: -40°C to $+85^{\circ}\text{C}$, ensuring reliable performance in extreme conditions.
- Communication Interfaces: RS232, RS485, CAN, and wireless connectivity for flexible data transmission.
- Protection Level: IP69K–certified for superior resistance to water, dust, and external impacts.



Video Telematics Solutions

Key Features:

- Real-Time Video Streaming
- Incident Recording
- Integrated Telematics Data
- Advanced Analytics
- Seamless Integration



USE CASE SCENARIO

Transportation & Logistics:

- Real-time fleet tracking and management
- Enhanced cargo security with digital e-locks
- Driver behaviour monitoring and compliance

Retail & Warehousing:

- Inventory management with Bluetooth tracking
- Loss prevention through real-time monitoring
- Optimized warehouse operations

Emergency Services:

- Efficient dispatch and route optimization
- Monitoring of emergency vehicle locations
- Ensuring equipment readiness and availability



GPS/GPRS Based Tracking Journey Begins Here

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