TATABAE VT44

TATABAE VT44 – Vehicle Tracker for Car, Truck, Bus, EV, Heavy Equipment VT44 is a high-performance GPS/GNSS-based tracking device for precise location monitoring and remote immobilisation.

Technical Data Sheet

• **Microprocessor**	Advanced High-Speed Processor 1MB Program Memory & 2MB RAM
• **Microcontroller**	ARM Cortex Microcontroller 256KB Program Memory & 96KB RAM
• **Internal Memory**	64 Mb Supports 40000 data packets storage 80K Erase and Program Cycles, 10 years data retention
• **Power Supply**	7 – 100V DC Voltage
• **Internal Battery**	3.7V / 1000 mA. Li-Ion
• **4G LTE GSM Module**	4G Bands B1/B3/B5/B7/B8/B20/B28/B38/ B40/B41 Quad Band GSM Sensitivity: -109dBm.
• **GPS Module**	Supports GPS & GLONASS 33 Tracking and 99 Acquision channels
• **SIM Support**	eSIM with dual profile
• **Communication Protocols**	TCP/IP, HTTP, FTP, MQTT, MQTTS
• **Input & Output Ports**	4 Digital Inputs, 2 Analog Input, 2 Digital Outputs, 1 SOS Input Bluetooth 4.0, 1 CAN Interface, 2 RS-232 Interfaces
• **Sensors**	3 Axis Accelerometer	Box Open / Close sensor
• **Antennas**	Internal GSM, GNSS & BLE Antennas
• **Mechanical**	Nylon Enclosure Complying to IP67. Dimensions: 118 x 77 x 31 mm
• **Environmental**	Operating Temp. -25°C to +85°C , Storage Temp. -40°C to +85°C Humidity: 95% Non-Condensing
• **LED indication**	Main Power, Internal Battery, GSM Network and GPS Network
• **Configuration & Firmware**	Local & Over The Air Configuration Local and FOTA Firmware Update
• **Alerts**	Main Power Connect / Disconnect, Device Tamper, Over Speed, Harsh Breaking, Harsh Acceleration, Harsh Turning, Internal Battery Low Voltage

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