

TATABAE VT41

The TATABAE VT41 is a high-performance GPS/GNSS tracking device with Bluetooth and RS232 interfaces, enabling precise location monitoring, remote immobilization, and accessory connectivity. Ideal for bikes, cars, trucks, buses, EVs, and heavy equipment.

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 / 500 mA.
• 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 Acquisition channels
• SIM Support	Nano SIM & eSim with dual profile
• Communication Protocols	TCP/IP, HTTP, FTP, MQTT, MQTTS
• Input & Output Ports	1 Digital Input, 1 Digital Output, 1 Analog Input, 1 SOS Interface BLE 5.3, RS-232 Interface
• Sensors	3 Axis Accelerometer Box Open / Close sensor
• Antennas	Internal GSM, GNSS & BLE Antennas
• Mechanical	Nylon Enclosure Complying to IP65. Dimensions: 88 x 56 x 27 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 & OTA Configuration Local and FOTA Firmware Update