THINK BEYOND

BATTERY OPERATED TELEMETRY SYSTEM

VIFLOW-TM-EB

Welcome to our Company

Welcome to Vision World Tech Pvt Ltd, a pioneer in designing and manufacturing advanced IoT-based environmental monitoring solutions. Our Water Analyzer and related products offer precise, real-time data to help industries and governments manage water quality efficiently. With innovative technology and a commitment to sustainability, we empower you to make informed decisions for a cleaner, safer future.

About Us

Vision World Tech Pvt Ltd is a leading innovator in the field of IoT-based environmental monitoring solutions. Established with a vision to enhance water and air quality management, we specialize in designing and manufacturing advanced instruments such as Water Analyzers, Electromagnetic Flow Meters, and Telemetry Systems.

Our commitment to quality, precision, and sustainability drives us to deliver reliable and cutting-edge technology that empowers industries and governments to make informed, eco-friendly decisions.

SAVING EVERY DROP

Battery operated Telemetry system

Reliable Battery Powered Telemetry seamless remote monitoring and control, anytime, anywhere

Our advanced Battery Powered Telemetry Unit is designed for seamless remote monitoring & control even in power-deficient or remote locations. Built for water, environmental, and industrial applications, it integrates:

- **Long-life Battery (5+ years) – zero dependency on mains supply**
- **Low Power MCU – optimized for minimal consumption**
- **Onboard Memory – large data logging with auto-sync when network restores**
- **Multi-Sensor Compatibility – flow, level, pressure, pH, EC, TDS & more**

TECHNICAL SPECIFICATION

Model	VIFLOW-TM-EB
Support	4G
GSM Quad Band	850,900,1800,1900 MHz
Communication	RS 485(Modbus RTU/ASCII)
Supported sensor	Any sensor with RS485 output (e.g. Flowmeter, Pressure Sensor, Temp. Sensor)
Data Rate	9600bps,19200bps
Power Supply	No External Supply Needed
Environmental Protection	IP68 Enclosure for harsh environments
Operating Temp.	-20°C to 70°C
Humidity	10% to 90% RH (non-condensing)
Alarm Notification	Email, or On-screen alerts
Data Transmission	Remote server, or cloud-based via telemetry
Protocol Support	Modbus RTU & HTTP
Software Interface	Web based software for configuration and monitoring
Mounting Options	Wall Mounted, DIN rail- mounted
Certifications	ISO 9001:2015, CE Certified
SIM Support	Vi/Jio/airtel
Battery Life	2-5 years (vary on Weather conditions)