

SilTech Industries

Industrial IoT Solutions

PRODUCT CATALOG

2026 Edition

SilTech Industries specializes in Industrial IoT devices for remote monitoring, data acquisition, and automation. Our products are designed for reliability, ease of integration, and real-world industrial environments.

Contact Us

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Made in India ■■

Product Overview

Product	Type	Connectivity	Key Feature
BusLog_4G	Gateway	4G LTE + Wi-Fi	Modbus to Cloud
BusLog_Fi	Gateway	Wi-Fi	Low-cost DAQ
BusLog_IO_UNI	I/O Module	4G + Ethernet	Universal I/O
BusLog_Bat	Gateway	4G LTE	Battery Powered
SenseBus_TH	Sensor	RS485	Temp & Humidity
VoiceBox v2	Alerting	GSM + RS232	Voice Alerts

Quick Selection Guide

Need cellular connectivity? → BusLog_4G or BusLog_Bat

Have existing Wi-Fi network? → BusLog_Fi (cost-effective)

Need digital/analog I/O? → BusLog_IO_UNI

Remote site without power? → BusLog_Bat (battery + solar)

Environmental monitoring? → SenseBus_TH

Voice alerts & calling? → VoiceBox v2

Product Details



BusLog_4G

4G LTE Industrial IoT Gateway

4G LTE Modbus gateway with Wi-Fi failover. Connect RS485 devices to any cloud platform with zero data loss.

Processor: ESP32-WROOM-32E-N16 • **Flash Memory:** 16MB • **Connectivity:** 4G LTE (Quectel EC800K) + WiFi 802.11 b/g/n • **Modbus:** RS485 (Modbus RTU Master) • **Digital Inputs:** 2x (isolated, 5-24V) • **Digital Outputs:** 2x (relay, 5A max)

Applications: Energy meter monitoring (kWh, MDI, PF), DG set monitoring and control, Solar inverter data logging



BusLog_Fi

WiFi Industrial IoT Gateway

Wi-Fi based industrial data acquisition for fast and secure local network connectivity.

Processor: ESP32-WROOM-32E-N4 • **Flash Memory:** 4MB • **Connectivity:** WiFi 802.11 b/g/n • **Modbus:** RS485 (Modbus RTU Master) • **Protocols:** MQTT, TCP, HTTPS, Modbus RTU • **Power Supply:** 9-36V DC or 85-265V AC

Applications: Factory floor monitoring, Commercial building BMS, Indoor energy monitoring



BusLog_IO_UNI

Universal I/O Industrial Gateway

Universal I/O module with Modbus TCP, Ethernet, and 4 DI/DO/AI for flexible automation.

Processor: ESP32-S3-WROOM-1-N16R8 • **Flash Memory:** 16MB + 8MB PSRAM • **Connectivity:** Ethernet + 4G LTE (SIMCOM A7672S) + WiFi • **Modbus:** RS485 (RTU) + Ethernet (TCP) • **Analog Inputs:** 4x (0-10V or 4-20mA, 12-bit) • **Digital Inputs:** 4x (isolated, 5-24V)

Applications: Process control and automation, Analog sensor integration (pressure, level, flow), Motor control with feedback



BusLog_Bat

Battery-Powered IoT Gateway

Battery-powered gateway with deep sleep mode for remote, off-grid monitoring sites.

Processor: ESP32-WROOM-32E-N4/N16 • **Flash Memory:** 4MB or 16MB • **Connectivity:** 4G LTE (Quectel EC800K) + WiFi • **Modbus:** RS485 (Modbus RTU Master) • **Protocols:** MQTT, HTTPS • **Power Supply:** 3.7V Li-ion or 5-12V DC (solar)

Applications: Remote water tank monitoring, Agricultural sensor networks, Solar site monitoring



SenseBus_TH

Industrial Temperature & Humidity Sensor

Industrial temperature & humidity sensor with Modbus RTU. $\pm 0.2^{\circ}\text{C}$ accuracy for critical environments.

Sensor Type: Digital temperature & humidity • **Temperature Range:** -40°C to $+80^{\circ}\text{C}$ •

Temperature Accuracy: $\pm 0.2^{\circ}\text{C}$ • **Humidity Range:** 0-100% RH • **Humidity Accuracy:** $\pm 2\%$

RH • **Interface:** RS485 (Modbus RTU)

Applications: Cold chain monitoring, Data center environmental monitoring, Warehouse climate control



VoiceBox v2

Industrial Voice Announcement System

Industrial voice announcement system with GSM, 2-way calling, and RS232 for automated alerts.

Connectivity: GSM 2G (850/900/1800/1900 MHz) • **Message Storage:** 160 messages x 30 seconds each • **Audio Format:** WAV, 8kHz, 16-bit • **Interface:** RS232 (9600 bps) • **Speaker**

Output: 3W built-in, 10W external • **Phone Numbers:** 10 configurable recipients

Applications: Factory emergency alerts, SCADA alarm notifications, Public announcement systems

Get Started Today

SilTech Industries

- Email: info@siltech.in
- Website: www.siltech.in
- WhatsApp: Available on website

Services:

- ✓ Custom firmware development
- ✓ Cloud platform integration
 - ✓ Technical support
- ✓ Bulk pricing available

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