

Data Collection Gateway SMD-Lite



Versatile Data Monitoring

Rapidly Address Abnormalities through Recording, Monitoring, and Notifications to Gain Effective Control of Equipment and Environmental Data.

Data
Collection

Multifaceted Sensor
Data Collection

Cloud
Monitoring

Data Monitoring
&
Rapid Mastery

Event
Notify

Real-time Alerts
&
Rapid Decision-making

Compact and Versatile for Diverse Industries



Medical Industry

Biological Tissue
Storage Refrigerator



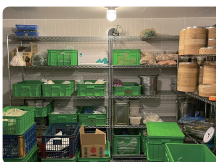
Biotech Industry

Biological Sample
Storage Refrigerator



Food Industry

Ingredient Storage
Freezer



WHSE Industry

Warehouse
Environment Area



Agriculture

Greenhouse &
Aquaculture Facility



Factory Industry

Production Machine
and Equipment

ESG Sustainable Development

The product aligns with sustainable development and facilitates energy-saving and carbon reduction data collection for businesses.



Engery

(Gas, Hydrogen...)



Electricity

(EC Usage, Voltage...)



Water

(Conductivity, Temp...)

Core Advantages

Easy Data Collection, Effective Monitoring, Aggregation, and Broadcasting.

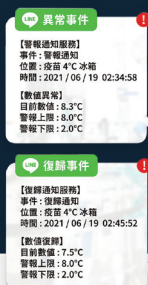


Cloud Data Monitoring

With cloud data platform services, monitor equipment and environmental status anytime, anywhere for quick event awareness.

Features

1. Real-time Data Viewing
2. Clear Chart Display
3. Effective Data Recording



Line/WhatsApp Alarm Notification

Integrate monitoring and communication platforms for real-time event alerts, enabling quick decision-making and issue resolution.

Features

1. Versatile Event Notifications
2. Specific Event Identification
3. Comprehensive Notification Details



Immutable Reports

Provide secure and comprehensive professional reports, saving manpower, and easily accessing aggregated information.

Features

1. Record Abnormal Events
2. Detailed Data Reports
3. Tamper-Proof for Auditing



Data Collection Gateway
SMD-Lite Product Spec

CPU	4 Core ARM
OS	Linux
Interface	1x RS-485
	1x Ethernet
	1x WiFi
	1x LoRa
Analog Input	1x AI, 4~20 mA
Digital Input	1x DI, DC 12V/1A, dry contact
Digital Output	1x DO, DC 12V/1A, dry contact

Temp Sensor (RTD)	PT100: -100°C ~ +200°C
Data Sets	20 Million
LED	Power/Status
Power	12VDC/2A
Size	130 x 85 x 35mm
LoRa (optional)	LoRaWAN Protocol
	RF Power 20dBm
	Frequency 920 - 928MHz
4G/LTE (optional)	FDD-LTE: B1/B3/B5/B8
	TDD-LTE: B34/B38/B39/B40
	WCDMA: B1/B5/B8
	GSM: 900/1800MHz

