Site Supervisor
Unleashing the power of connected controls

For small format retailers, providing fresh, quality food while maintaining a convenient shopping experience for their customers is a constant challenge. This entails close supervision and monitoring of all equipment that impacts the overall store functioning - refrigeration, HVAC & lighting.

Site Supervisor is a flexible facility control platform that achieves this while giving retailers better control & visibility over their key store equipment. As part of Emerson's monitoring solutions family, the new Site Supervisor manages refrigeration, HVAC, lighting and other critical equipment and systems. It also collects data on important performance indicators, including refrigeration temperatures, energy usage and HVAC discharge and space temperatures, so store managers can quickly respond to issues that may impact the customer experience and food safety.

While powerful and feature-rich, Site Supervisor is still easy enough to use at the local levels. Site Supervisor gives store managers and service technicians enterprise-level visibility to systems and equipment through a simple yet powerful user interface. Optimized for retail stores, the user friendly interface makes it easy to determine current conditions. When needed, authorized users can override key functions effortlessly.

Site Supervisor is optimized for use with Site Manager and can also seamlessly connect to Emerson's ProAct™ Services / SmartConnect to diagnose alarms and resolve problems through predictive maintenance.

Benefits

- **Intuitive Navigation:** Easy to use with no special training for day-to-day operation. Familiar processes, icon-based navigation, and common tool bars on wall-mounted, desktop or mobile device.

- **Priority Actions:** Highlights the information needed for action and resolution. Priority alerts are visible in red for easy recognition, visibility and action.

- **Fast Response:** Managers and servicers can act quickly, with detailed information available instantly in convenient drill-down screens

- **Mobile Optimized:** Access and operate from anywhere. In addition to wall-mounted and desktop control, authorized user can access on phone or tablet.

- **Secure Data:** Options to manage locally, on your network or through the Emerson cloud.

Features

- HVAC and lighting control
- Refrigeration monitoring and control
- Remote access to store data via standard web browser
- Automated alerts via SMS/email
- Data logs and equipment performance information
- Simple, easy-to-use user interface

EMERSON.™

Control

Controlled facility

Facility insight

Site supervisor application matrix

Application	SMF	RX	BX	CX
Max devices	32	199	199	199
Log group	12	32	32	32
Digital combiner	64	128	128	128
Time schedule	8	64	64	64
Ahu	6	0	6	6
Lighting	6	0	24	24
Analog sensor control	12	64	64	64
Digital sensor control	12	64	54	64
Flexible combiner	64	128	128	128
Standard circuit	6	63	0	16
Suction groups*	0	4	0	2
Enhanced suction group*	0	4	0	2
Condenser	0	1	0	1

SMF = Small supermarkets/ C-stores / Discount
BX = QSRs
CX/CXe = Supermarkets/ Hypermarkets

*The number of suction groups allowed is in total for both types. That is the RX only allows 4 total whether they are Standard, Enhanced, or a mix of both
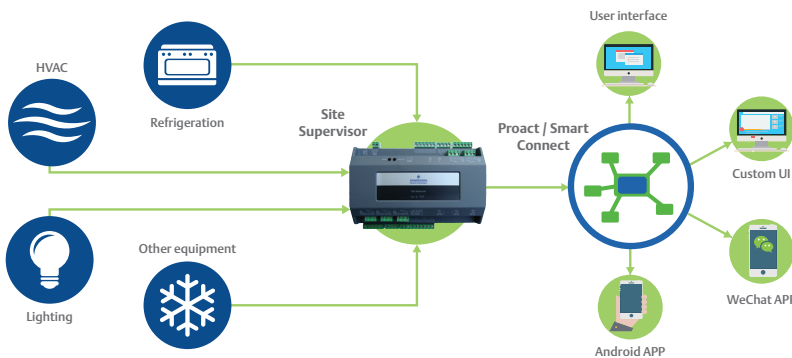
Site supervisor specifications

Operating temperature	14°F to 140°F (-10°C to 60°C)
Relative humidity	20-85% RH non-condensing
Enclosure rating	UL 94 V-0
Dimensions	110mm x 183mm (4 5/16" x 7 3/16")
24 VAC/VDC	5VA/20VA
1 Can Bus	Expansion module connections
4 RS485 ports	MODBUS Com ports 1, 2, 3, 4
3 Ethernet ports	Ports 1, 1, 0
Analog inputs	8
2 USB inputs	1, 2
MicroSD	1
Digital inputs	4
Relay outputs	4
Agency approvals	ULE211299, CE

The next generation of facility controls

Site Supervisor is the next generation of facility controls that deliver energy management with the ability to monitor various facility systems and provides alerts when there are issues that need attention. The Site Supervisor control module provides HVAC control, refrigeration system monitoring and control, as well as lighting control.

Enterprise platform

Operational efficiency

Food quality/ safety

Energy savings

Maintenance & service

Revenue growth

Visit us at Climate.Emerson.Com/Asia/Coldchain for a demo
Climate.Emerson.Com/Asia/ColdChain

For more information,

scan the above code

EMERSON. CONSIDER IT SOLVED.