

Intelligent Industrial Monitoring and Control: Elevating Operations with IoT-Driven Insights and Energy Efficiency

► EBAS-2000 Series (Software)

Model
EBAS-2000NS



Description

The EBAS-2000NS software displays graphic data from DDC controllers and sensors, allowing for flexible and rapid responses to user requests through the configuration of operations, images, programs, and more. It provides an optimal solution for maintaining a comfortable environment, energy conservation, analysis, engineering, and efficient integrated monitoring and control by aggregating building information

Application

The EBAS-2000NS supports BACnet (TCP/IP) and RS-485 Modbus, making it suitable for applications in building automation, HVAC systems, distributed control, SCADA, and more. It's optimized for distributed control systems and offers broad 3rd-party compatibility for a user-friendly interface.

Features

- Building Energy Analysis: The EBAS-2000NS converts existing data and new measurements into a unified dataset, enabling energy consumption analysis and management at the zone or equipment level.
- Mobile Client: The EBAS-2000NS supports mobile functionality, enabling remote monitoring and control for administrators and operators. It allows real-time data monitoring, alarm tracking, and graphical report analysis. These features can be installed on a mobile device with operator permissions for real-time equipment control.
- Open Protocols: The software executes control programs using open standard protocols. It primarily communicates with servers through BACnet IP (TCP/IP) and supports RS-485 Modbus and RS-485 Modbus (TCP).
- Web Service Support : The EBAS-2000NS software system offers an extensive API interface for real-time data access, including real-time alerts and historical data, thereby enhancing data communication capacity with third parties.

SPECIFICATIONS

PROTOCOL	IP addressing (IPv6 ready)
	TCP communications
	RS-485 Modbus
Software Development Environment, System Environment	Programming Language : C++
	Development Tool : Microsoft Visual Studio
	System Environment OS : Windows 10pro

