

SKVF Remote HMI

Description

The HMI is an integrated module with a capacitive touch screen. This device allows access to the unit's controller through a BACnet network to configure the SKVF and monitor day-to-day operations. The full list of I/O is available to monitor from the HMI, as well as parameters from the configuration menu for the installation process.

The HMI is available in a standard 10.1" size. It incorporates an in-plane switching (IPS) capacitive touch screen with a resolution of 1200x800 and supports multi-point touch, including built-in keyboard support.



Models

Model	Description
NFREG-SKVF-MS	Remote HMI for SKVF – BACnet over RS485 network
NFREG-SKVF-IP	Remote HMI for SKVF – BACnet over IP

General Technical Specifications

Physical

Dimensions	W x H x D : 11.1 x 7.9 x 2.8in (281 x 200 x 71mm)
Weight	0.48lb (1075g)
Power input	24 VAC/VDC +/- 20%, 50/60Hz 20 Watts

Hardware

Microprocessor	ARM Cortex - A72, Quad-Core 1.5Ghz
On-board memory	4GB Ram
On-board storage	32GB eMMC

Connectivity

Communication Protocol	BACnet MSTP & BACnet IP Modbus RTU & Modbus TCP/IP
IP Connectivity	Onboard IP port of 1 Gbps, second port of 100 Mbps
RS-485 Connectivity	2x RS-485 ports
MSTP Supported Baud rate	Up to 76800bps (115.2 Kbps)
Other Connectors	- Removable screw-type terminal blocks (max 16AWG) for power 1 HDMI connector 2 USB female type A