

DESCRIPTION

The SBC-SD is a compact, addressable network display device for application on EIA-485 Public Unitary Protocol (PUP) based networks. It enables users to quickly monitor their system, and easily make changes to the way their building is controlled. The wall mounted SBC-SD has a touch-screen operator interface with permission based menu icons, allowing simple navigation to read and write PUP values, view alarms, grouped data, and point descriptions. The SBC-SD is easily configured using SoloPro™ software.

FEATURES

- Able to automatically display and modify up to 150 PUP network data points
- Can manually address, view and modify any data point on the PUP network
- 50 configurable data screens containing live PUP network data and/or hyper-links to other data screens allow unique point groupings
- 12-bit color, 480 x 272 pixel TFT-based Touch Screen Local User Interface for display and modification of up to 63 PUP devices over a single EIA-485 network
- Configurable header information
- Multi-tiered icon driven screen navigation
- Available "Home Screen", adaptable to display frequently viewed or accessed data
- Intuitive Screen Calibration
- Multi-level numeric password-based access protection
- Able to "sniff" network traffic, store and display up to 128 alarms
- Flash program upgradeable through use of standard SD/MMC card port
- Standard text representation of specified events
- Programmable display dimming functions to protect against image burn
- Non-volatile memory stored on the SBC-SD for back-up and cloning over the network
- Network time synchronization
- Configured using SoloPro™ for Windows®
- Able to invoke or disable fire mode broadcast



Home Screen



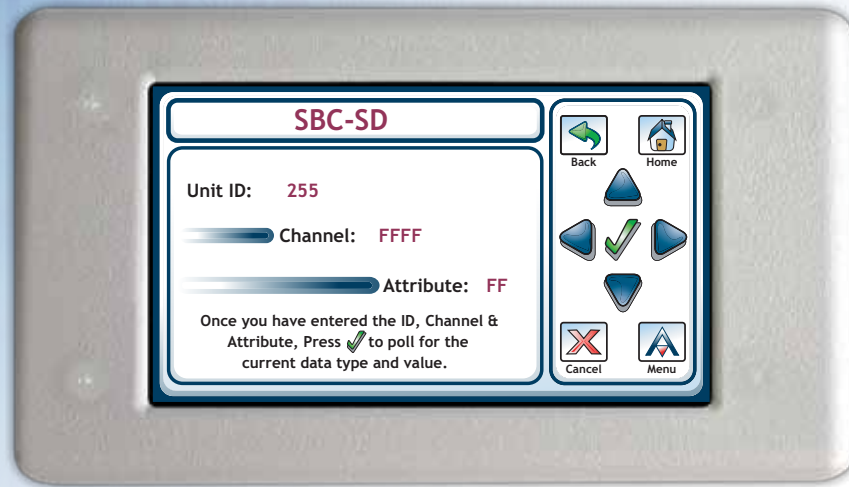
Main Menu Screen

Updating the SBC-SD

The SD Flash Card slot provides a simple, yet effective method to apply flash firmware upgrades to the SBC-SD. In this approach, a user can apply product updates to the SBC-SD without having to connect their laptop or service tool to the controls network, or interrupt daily operation of the building automation control network and system. Once inserted, the update process is only a few taps away.

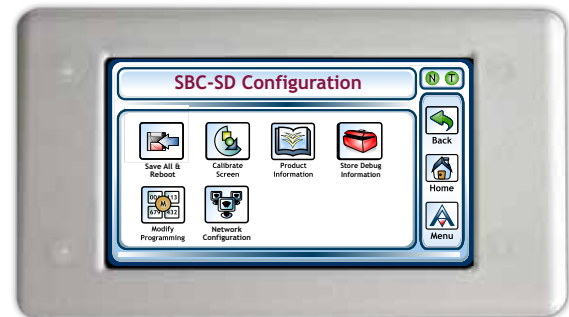


FEATURES CONTINUED...



Data-Entry Screen

- Fire-mode, token, and network activity icons
- 50 customizable 24-character menu text headers
- Customizable long (150 characters) and short (24 characters) text description for each datapoint
- Chemical resistant “Kydex” plastic case, mountable on both US and Euro switch boxes
- IP-44 water protection available
- Touch screen protected by a chemically resistant polyester membrane
- Field upgradeable for future functionality



Configuration Screen

SPECIFICATIONS

Processor		Touch Screen Display		Local Memory Storage	
<ul style="list-style-type: none"> • High-speed 32-bit processor running at 86 MHz 		<ul style="list-style-type: none"> • Backlit 16:9 widescreen TFT color LCD • 480 x 272 pixels 		<ul style="list-style-type: none"> • 8MB Intel on board flash chip 	
SRAM	Features	Communications	SD / MMC Card Socket		
<ul style="list-style-type: none"> • 1 MB RAM chip 	<ul style="list-style-type: none"> • Revert button • Reset button 	<ul style="list-style-type: none"> • 2-wire PUP over EIA-485 	<ul style="list-style-type: none"> • Supports 2GB storage capacity 		
Dimensions		Operating Environment		Power Requirements	
<ul style="list-style-type: none"> • Overall size: 6.0 x 3.4 x 1.0 in. (15.24 x 8.64 x 2.54 cm.) • Mounting holes for 2X4 utility or 2X2 K power box 		<ul style="list-style-type: none"> • Operating temperature: 32 to 122°F (0 to 50°C) • Relative humidity: 0 to 80% noncondensing 		<ul style="list-style-type: none"> • Input: 12-29 VAC/DC, 50/60 Hz; 4W Maximum; Class 2 	

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One Technology Lane Export, Pennsylvania 15632-8903 U.S.A Tel (1) 877-AAM-HVAC Fax (1) 724-327-6124

Email: aam@aamatrix.com On the Web: www.aamatrix.com

