Protege Touchscreen Keypad

The Protege Touchscreen Keypad is the ideal solution for creating an outstanding user experience. Eliminate the need for a myriad of keypads, control panels and switches for each part of a system to create true integration in any building environment.

Feature Highlights

> 12VDC power supply input with intelligent power saving mode

> Communication with the Protege Integrated System Controller by Ethernet

> 2 monitored inputs (or 4 with duplex input operation)

> 1 programmable open collector output, suitable for digital or relay control

> 10/100 Ethernet with link/data status indicator

> 128MB onboard RAM, 256MB flash storage space

Mounting Options

With a thickness of only 22mm, the Protege Touchscreen complements any building interior. The keypad can be mounted over a traditional flush box mount requiring only 15mm depth inside the wall cavity. The widescreen unit complements and enhances any building interior, with custom frame inserts available on special order to truly synchronize interior designs.

Installation Wiring

Power is provided via a suitable 12VDC supply. Ethernet connection allows for installations that use either a dedicated Protege network (recommended for multiple touchscreen installations) or that simply connect the Touchscreen and Protege Integrated System Controller to the buildings existing network.

Network Capabilities

The 10/100 Ethernet network connection is completely configurable via the onboard setup menu or the touchscreen builder software.

Protege Control

Create custom menus and displays that allow control and viewing of any of the inputs and/or outputs in the Protege system. Create floor plans to display this information in a concise and powerful way.

Audio Capabilities

Play high definition audio from WAV, MP3 or WMA files to announce events, warn and inform users of alarm or other input status. Voice notification of network status is built in for ease of installation.

Graphics and Media Capabilities

Create a unique user experience with a blend of high quality graphics and customizable images tailored to your business.

Touchscreen Builder Software

Build a menu system completely customized for each installation. Create pages for the access control, security and automation for any building or combine all key functions into a floor plan or main page.

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Technical Specifications

Power Supply	
Operating Voltage	12VDC (10.5 - 14.0VDC)
Operating Current	350mA (Typical), 490mA (Max)
Communication	
10/100 Ethernet	Module Network and PC Software
RS485	Module Network
Outputs	
PGM Outputs	1 (50mA Max) Open Collector
Inputs	
Inputs	2 monitored inputs (4 with duplex input operation) - 500ms to 40sec Input Speed
Tamper	1 (Normally Closed Microswitch)
Trouble Zone	8
Temperature	
Operating	5°- 55° Celsius (41° - 131° Fahrenheit)
Humidity	0%-85% (Non-Condensing)

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