

Access-Secure Keypad

SECURITY ZONE CONTROL

When communicating with an associated RADC network controller, the DAQ Access-Secure Keypad is capable of monitoring and securing up to eight geographic alarm zones. Access to independent zones is easily controlled via an illuminated push-button keypad, which enables the entry of PIN numbers or the invoking of system control functions, such as local diagnostics and zone settings.

KEY FEATURES

- Simple, menu-driven interface
- Backlit 4 x 16 character liquid crystal display
- Three LEDs indicate modes of operation: access, secure, and enter PINs
- Single keypad unit can secure up to eight geographic alarm zones
- Interactive display allows viewing of alarm states, event logs, and system diagnostic features

Using the keypad and backlit LCD display, authorized users can perform a variety of system control tasks, including accessing/securing zones, extending access periods, initiating duress conditions, and running maintenance tests on alarms and sensors. Enhancing system awareness and diagnostics, the current status of individual sensors can be viewed on-screen along with historical listings of logged events.



Within an integrated StarWatch security system, the Access-Secure Keypad provides local control of multiple security zones

Communication between Access-Secure Keypads and connected RADC modules is facilitated via an isolated RS485 interface, with two keypads supported by a single RADC.





STARWATCH™

SMS

PROCESSING

Microchip PIC (PIC18F458)

32kB Flash On-Chip Flash

1536 bytes On-Chip RAM

1 USART, WDT

CAN bus interface

PLCC44 package

COMMUNICATIONS

- RADC
- RS485: serial port 3, two connectors for daisy chain wiring, multiple keypads on line (up to 3)
 - 9600 baud

TECHNICAL SPECIFICATIONS

FRONT PANEL

- LCD Display
- Backlit, 4 x 16 character
 - 1" x 2.5" viewing area
 - Viewing angle +10 to +105° vertical, -30 to +30° horizontal

- Keypad
- 12 keys, phone-style layout
 - 3 software-controlled LEDs in red, yellow, and green
 - Audible device

POWER

Input: 12V 45mA max

ENVIRONMENTAL

- Operating
- -20 to +70°C
- Storage
- -20 to +70°C
- Humidity
- 5 to 95% non-condensing
- Vibration
- Meets UL 1076 jarring tests
- Packaging
- Quick-install wall plate
 - Enclosure tamper
 - Two-color silk-screen on keypad



CONTACT

DAQ Electronics, LLC
262B Old New Brunswick Road
Piscataway, NJ 08854 USA

T 732.981.0050 F 732.981.0058
www.daq.net

