



8160 KEYPAD ACCESS CONTROL

Stand Alone Access Control

Weatherproof Vandal Resistant

Up To 200 User Codes Available

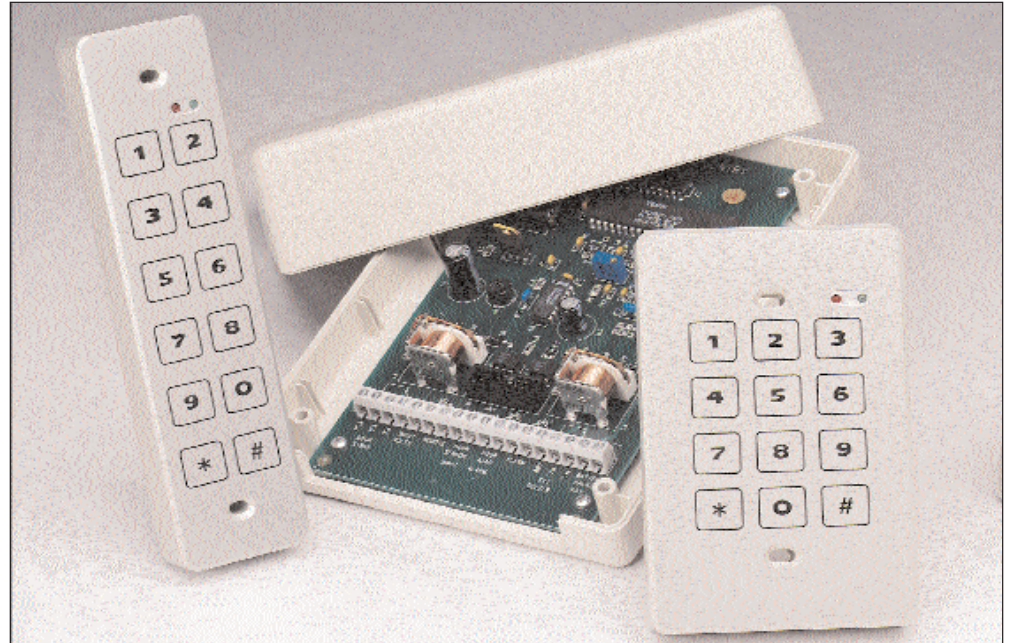
Programmable Unlock Time

Visual & Audible User Feedback

Secure Remote Controller Module

Available with on-board integrated electronics option

**Optional Protocols
26 Bit Wiegand
or
8 Bit Word**



Stand Alone Access Control

The 8160 series Keypad Access Control will provide a cost effective solution for control of independent doors and gates. All programming is accomplished from the keypad without need of any programming hardware or software.

Interior or Exterior Applications

These rugged digital keypads can be used in protected areas or in hostile environments to provide authorized access through secured doors and gates. All of the units are weatherized, suitable for interior or exterior installations. Three models are available to suit any need including narrow doorframe applications. The single gang style keypads are suitable to be surface mounted to any flat wall or square fence post.

Environmentally Sealed

All electronics are sealed in epoxy and protected by the solid metal keypad housing. Lock control circuitry, located inside the secured area, is safely protected from vandals. No unauthorized access can be gained, by tampering with the control wiring between the exterior keypad and the protected controller.

200 Active Unique User Codes

User codes may be up to eight digits long, allowing millions of possible code numbers to be programmed for the authorized access. Active user codes can be changed or deleted easily from the digital keypad.

Heavy Duty Relay Output

The main controlled output is a 4 amp form C relay. This is used to activate the electric lock and can be toggled or timed by user codes.

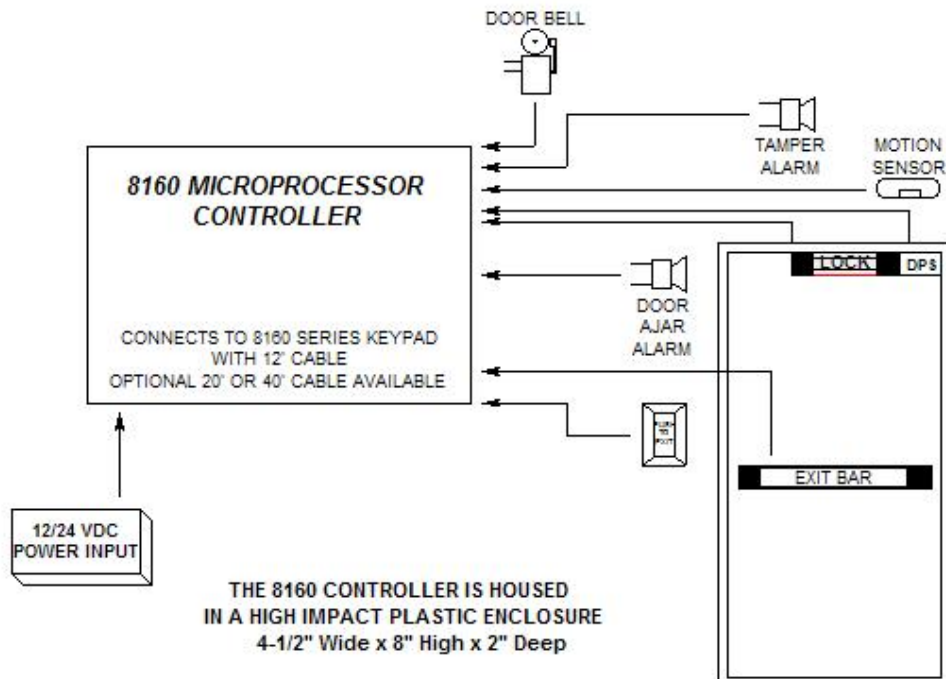
Auxiliary Inputs & Outputs

Three additional outputs are programmable for "Door Ajar Alarm", "Keypad Tamper Alarm", and "External Sounder Output". Inputs are provided for "Remote Authorized Access" and "Door Position Switch".

Keypad Feedback

LED illumination and momentary activation of the sounder acknowledge keypad interactions. Authorized door open time can be programmed for any duration from 1 to 90 seconds. The master code and user codes are also entered through the digital keypad.

8160 SERIES HEAVY DUTY VANDAL PROOF KEYPADS



Specifications:

Physical Size

#8160 - 3" wide x 5" high x 3/4" thick
for 1-Gang box mounting

#8160xNF - 1-3/4" wide x 7" high x 3/4"
protrusion surface mounted for
narrow jamb applications

Includes Control Module - 4-1/2" wide x
8" high x 2" thick (includes
12' cable)

#8160xINT - Integrated unit with 1 SPDT
relay output & 1 N.O. Rex input
only (no separate controller)

#8160xNFxINT - Narrow Style Integrat-
ed unit with 1 SPDT relay output
& 1 N.O. Rex input only
(no separate controller)

Electrical Requirements

60ma @ 12/24 VDC up to 3 amps max.

Outputs

Relays - Form C, 4 amp

Aux. Outputs - 0.100 amp Open collector

Environmental

-20 to +130 degrees Fahrenheit

Keypad System Styles

#8160 - Ruggedized heavy-duty keypad
with weatherproof metal housing, suitable
for wall, post, or gooseneck stand Single
gang mounting. Sealed housing is vandal
resistant, with twelve touch sensitive flush
style keys. Two piece design assures
security for electronics.

Two LED's (red, & green) provide visual
feedback to the user. Keypad controller
module is remote & plugs into the back-
side of the keypad. (12' cable provided)

#8160xNS - Narrow Surface Mount
design. Typically mounted onto a narrow
style doorframe. Operates Same as above.

OPTIONAL PROTOCOLS

#8160xWG - Same construction as 8160
above with 26 Bit Wiegand output.

#8160xNSxWG - Same construction as
8160xNS above with 26 Bit Wiegand out-
put.

#8160xW8 - Same construction as 8160
above with 8 Bit Word output.

#8160xNSxW8 - Same construction as
8160xNS above with 8 Bit Word output.

Typical Operation

Programming is accomplished entirely
from the front of the keypad. The LED's
and sounder guide the authorized user
through the programming steps. Codes
can be changed in a matter of seconds.
Factory defaults are designed to allow for
an easy installation in a minimum of time.
Defaults include a master code, main
relay time delay period, and delay times
for auxiliary outputs.

A normally open request to exit device
connected to the remote triggering input
will cause the door to unlock for the time
period programmed for the main relay
output.

Distributed by:



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