DynaLock™
For Life℠

7500 Series
Standalone Keypad/Prox Card Reader

MODEL #7500

- **Weather and Vandal Resistant**
- **High Visibility Blue Backlit Keypad**
- **Supports Up to 500 Users**
- **Built In Tamper Detection**
- **Lifetime Warranty**

Description

The 7500 is an advanced single gang standalone digital keypad with built-in proximity card reader. This unit offers large backlit metal keys and a built-in heater which makes the 7500 ideal for high traffic, harsh environment applications. A wide array of functions and auxiliary modes provide extra flexibility and security, allowing it to operate as a single or two-door access controller.

The 7500 offers ease of installation and programming due to its removable terminal blocks for simple wire connections and flexible programming capabilities such as a unique "code search" for simple user management. A flexible power input allows the unit to operate on 12-24VDC or 16-24VAC. Two Form-C relay outputs, rated at 2 amps, as well as REX and Auxiliary inputs are provided.

Standard Features

- **500 User Codes:** Up to 500 users can have PIN and/or RFID credentials for access.
- **Flexible Power Input:** 12-24 VDC or 16-24VAC.
- **3 User and Access Levels:** Program one to three different levels of access for each individual user or for the entire system.
- **Multiple Inputs and Outputs:** Unit includes a REX and Auxiliary input as well as two form C output contacts rated at 2 Amps.
- **Audio and Visual Recognition:** Equipped with an internal sounder and two tri-colored status/programming LED's.
- **Multiple Auxiliary Modes:** Ten programmable auxiliary modes including: Door Ajar, Forced Door, Alarm Shunt, and Door Monitor.
- **Built-In Heater:** Automatically activates to prevent key freeze at 4°F (-20°C).
- **Vandal Resistant:** Metal casing with a built in optical tamper sensor.
- **Installer Friendly:** Removable terminal blocks simplify wire connections. Unit also includes an installation kit and self-adhesive mounting template.
- **Lifetime Warranty**

LIFE SAFETY PRODUCTS
FULLY INTEGRATED SECURITY SYSTEMS
Electromagnetic Locks | Controls | Power Supplies

Specifications

Physical Characteristics

Size:	4.72" H x 3" L x 1.06" W
Weight:	1 lbs
Material:	Vandal-resistant metal

Electrical Characteristics

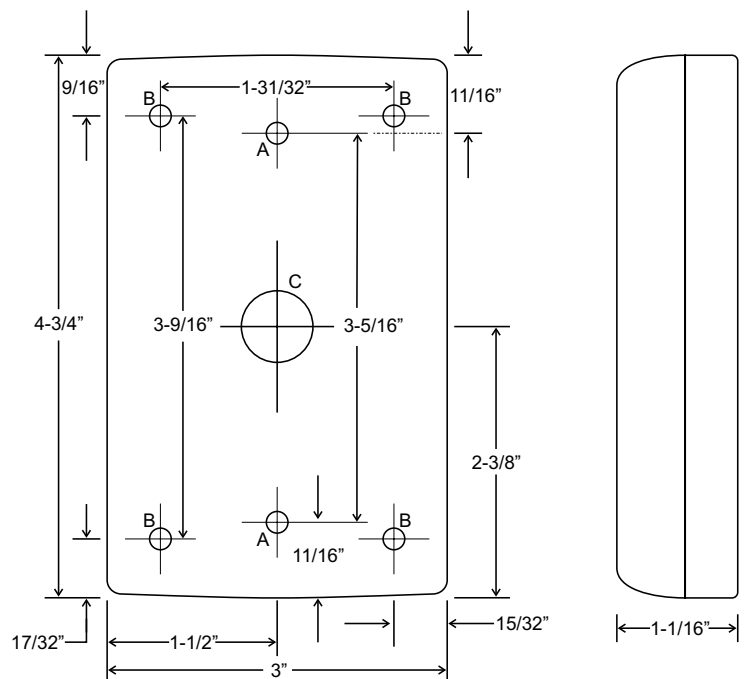|	
Voltage Range:	12-24VDC, From a power supply
	16-24VAC, From a transformer
Input Current:	Standby: 85mA at 12VDC (Heater Off)
	Maximum: 145mA at 12VDC (Heater Off)
	Standby: 565mA at 12VDC (Heater On)
	Maximum: 625mA at 12VDC (Heater On)
Relay Outputs:	Main: 2A Form C, N.O. and N.C.
	Auxiliary: 2A Form C, N.O. and N.C.
Tamper:	Optical back tamper sensor
Inputs:	REX: N.O. dry contact
	Auxiliary (In/Monitor): N.O. dry contact
	10 programmable modes
Proximity Reader:	Maximum Read Range: 2.5"
	Modulation: ASK at 125kHz
	Compatible Cards: All 26-Bit EM Cards

Environmental Characteristics

Operation:	Water resistant, suitable for outdoor use
	Meets IP54
Temperature:	-20°C to 60°C (-4°F to 140°F)
Humidity:	0 to 95% (non-condensing)
RFI Protection:	>20V/m up to 1000Mhz

Operational Characteristics:

Capacity:	500 users, single/dual code for each
Keypad:	3x4 key pad for local programming
	4 to 8 digit PIN code entry
User Levels:	Normal/Secure/Master
Security Modes:	Normal, Bypass and Secure
Audio/Visual:	Built-in sounder
	Interface for external audible
	(bell, chime and siren)
	Two tri-colored LED indicators

7500 SERIES ACCESSORIES

7551	Read-Only 125KHz Clamshell Proximity Card White Unprinted
7561	Read-Only 125KHz Proximity Tag Ring Design Gray
7571	Read-Only 125KHz Proximity Tag Wafer Design Gray

A: MOUNTING HOLES FOR SINGLE GANG BOX
B: MOUNTING HOLES FOR FLAT PANEL
C: WIRE ROUTING ACCESS HOLE

Featuring

DynaLife®
Lifetime Warranty