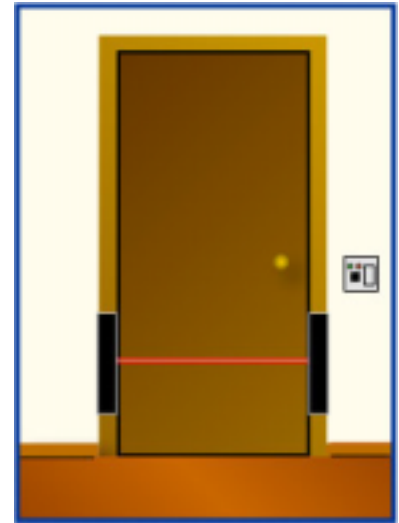


CARD-IN / FREE-EXIT OPERATION

This application uses one Local Door Alarm (LDA) circuit board with the internal Tailgate monitoring program, and one or two sets of Doorway Mounted Sensors to monitor a card reader controlled door and to determine and annunciate unauthorized passage through the door. Standard card reader system inputs and outputs are utilized by the LDATG.

STANDARD SYSTEM INTERFACE

The lock output is monitored by the LDATG to determine when a valid card has been presented. The lock may be fail-safe or fail secure. The lock output must be configured for automatic re-lock when the door is opened. The normally closed-door contact is monitored directly by the LDATG. The normally closed-door mimic relay (DMR) is monitored by the card reader system. The normally closed alarm relay is monitored by the card reader system.



Available as 12" Single-Beam (shown) or 24" Dual-Beam Models

OPERATION

NORMAL ENTRY USING CARD READER

The DMR opens when the door is unlocked and opened, and closes when a person passes through the doorway. This relay cycle is expected by the card reader system and an authorized passage is registered in the card reader database.

TAILGATE ALARM

If a person walks through the doorway in the entry direction without presenting a valid card, the DMR opens again and the card reader system interprets that action as a forced door and an alarm is registered in the card reader database. The LDATG circuit activates the local sounder so that the alarm is annunciated at the door. The normally closed alarm relay opens. The alarm is reset after about 4 seconds.

FREE EXIT

When a person walks through the doorway in the exit direction, no alarm is generated.

TECHNICAL SPECIFICATIONS

Power	12 VDC @ 250 ma max.
Inputs	1 lock control relay from card reader system. Lock may be fail-safe or fail secure. Doorway mounted sensor pair(s)
Outputs	1 normally closed Door Mimic Relay (DMR) 1 normally closed Alarm Relay Alarm sounder @ 85dB Green LED indicates entry access enabled Red LED indicates secured mode - entry will generate an alarm



**Also available as a
Free-Standing Post**

