OVERVIEW

Our basic pedestrian counting system, the LDA-CTR uses a Local Door Alarm circuit board with an internal doorway counting program, a set of sensors for each door, and one display unit to monitor and count pedestrian traffic through doorways or other passageways.

FEATURES

◊ **Computes and displays current occupancy level**
◊ **Tracks and displays entry total**
◊ **LCD display w/ backlight button**
◊ **Reset key switch**
◊ **Units can be linked to provide single counter output for multiple doors**
◊ **Available as free-standing or doorway-mounted units**

OPERATION

ENTRY: When a person walks through the sensing area in the entry direction, the output relay for the LDACTR sends an entry signal to the display module. Both the Total In and Occupancy Count are incremented.

EXIT: When a person walks through the sensing area in the exit direction, the output relay for the LDA-CTR sends an exit signal to the Occupancy Display Module. The Occupancy count is decremented; the Total In Count does not receive a signal.

LINKED DOORWAYS: Each LDA-CTR has a Link Input, which can be connected through a Link Module to the relay outputs of a previous LDA-CTR. The link passes the entry and exit signals through the LDACTR circuit board. This allows several doorways to be monitored and counted by a single display unit.

TECHNICAL SPECIFICATIONS

POWER	12 VDC @ 100 ma per doorway.
INPUTS	Reset Key Switch.
	Entry Sensor Inputs for each doorway.
	Exit Sensor Inputs for each doorway.
OUTPUTS	Red Lion Controls Model # CUB2LU00.
	Total In Count Display Module or Occupancy Count Display Module.
DIMENSIONS	Doorway Sensor Housing 1.25" W x 12" H x 1.25" D
	Post Sensor Housing 2" x 3" x 30" (post), 12" x 12" x 3" (footing)
	Display Unit Standard 2-Gang or 3-Gang Electrical Plate

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