

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 LDA-CTR 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 LDA-CTR 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