

## CV Series Proximity Readers and Credentials



**Camden sets the electronic security benchmark for 125 kHz proximity readers, cards and tags.**

Proximity readers interface with a wide range of electronic access control systems by complying with Wiegand and ABA Track II magnetic stripe formats or bi-directional Open Supervised Device Protocol (OSDP).

In addition, our cards and tags eliminate maintenance by requiring no battery and can be ordered to support several proximity reader technologies.



ADVANCED  
TECHNOLOGY

### Features

- Mullion and single gang Wiegand reader models
- IP67 rated weather and vandal resistant
- 125 kHz proximity reader
- Up to 8 inches (202 mm) read range
- LED and audible confirmation
- A range of HID 37 bit and AWID 34 bit compatible cards / tags available
- 3 year warranty



## SPECIFICATIONS

INPUT VOLTAGE: 5 - 16 VDC

CURRENT: **CV-7400** 30 mA typical, 75 mA peak @ 12 VDC  
**CV-7820** 35 mA typical, 75 mA peak @ 12 VDC

FREQUENCY: 125 kHz

CABLING: 24 AWG minimum, multi-conductor stranded with overall foil shield

INTERFACE: Wiegand, ABA Track II magnetic strike (clock & data) or OSDP

OPERATING TEMPERATURE: -31°F to 150°F (-35°C to 66°C)

OPERATING HUMIDITY: 0% to 90% relative humidity

LED CONTROL: Four-state standard (red, green, amber and off)

INSTALLATION: Electronics sealed in weather / tamper-resistant epoxy potting

MOUNTING: **CV-7400** Mullions, including metal doors, window frames and flat surfaces  
**CV-7820** Metal or plastic single gang wall box and flat surfaces

READ RANGE: **CV-7400** Up to 5" (126 mm) | **CV-7820** Up to 8" (202 mm)

AUDIO TONE: Beeper included

PROTECTION: IP67

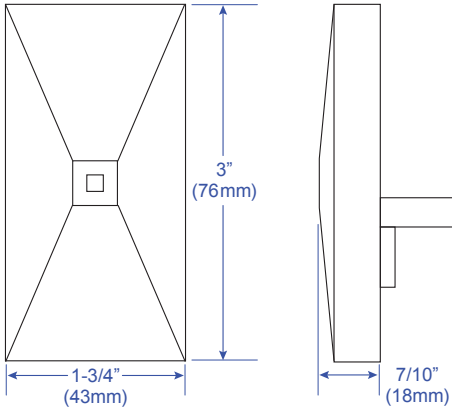
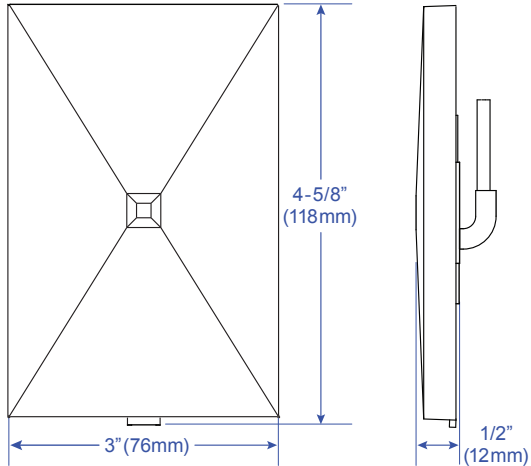
WEIGHT: **CV-7400** 3oz (85 g) | **CV-7820** 4oz (113 g)

DIMENSIONS: **CV-7400** 1-3/4" W x 3-1/5" H x 7/10" D (43 mm x 81 mm x 18 mm)  
**CV-7820** 3" W x 4-3/5" H x 2/5" D (76 mm x 117 mm x 10 mm)

## ORDERING INFORMATION

| Proximity Readers                                                                                |                                                                                                   | HID Prox Cards & Key Tags                                                                                           |                                                                         | AWID Prox Cards & Key Tags                                                                                           |                                                                                        |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|  <b>CV-7400</b> | Narrow, compact, 4 - 5" read range                                                                |  <b>CV-ISH</b><br><b>CV-ISH-B</b>  | HID ISO prox card, 10 pack<br>HID ISO prox card, 100 pack               |  <b>CV-CSA</b><br><b>CV-CSA-B</b> | AWID prox card, clam shell style, 10 pack<br>AWID prox card, clam shell style, 10 pack |
|                                                                                                  |  <b>CV-7820</b> |  <b>CV-CSH</b><br><b>CV-CSH-B</b> | HID clam shell prox card, 10 pack<br>HID clam shell prox card, 100 pack |  <b>CV-ISA</b><br><b>CV-ISA-B</b> | AWID ISO prox card, 10 pack<br>AWID ISO prox card, 100 pack                            |
|                                                                                                  |                                                                                                   |  <b>CV-KTH</b>                   | HID prox key tag, 25 pack                                               |  <b>CV-KTA</b>                  | AWID format prox key tag, 25 pack                                                      |

## DIMENSIONS

| CV-7400                                                                             | CV-7820                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |



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Part #: MKTG-LIT-SP-CRED-R1