# CV Series
# Proximity Readers and Credentials



**ADVANCED TECHNOLOGY**

**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.

## 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
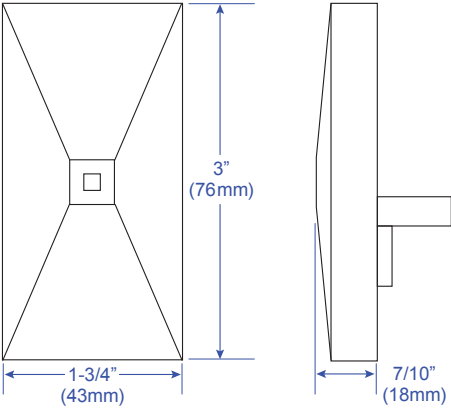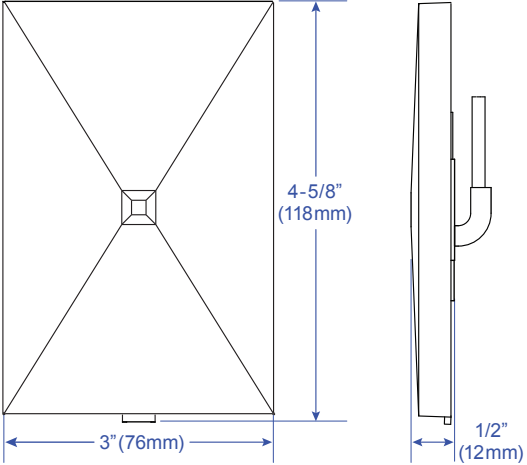
**PROTECTION:** IP67

**WEIGHT:** **CV-7400** 3 oz (85 g) | **CV-7820** 4 oz (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 | |
|---|---|---|---|---|---|
| **CV-7400** | Narrow, compact, 4 - 5" read range | **CV-ISH** | HID ISO prox card, 10 pack | **CV-CSA** | AWID prox card, clam shell style, 10 pack |
| | | **CV-ISH-B** | HID ISO prox card, 100 pack | **CV-CSA-B** | AWID prox card, clam shell style, 10 pack |
| **CV-7820** | Single gang, up to 8" read range | **CV-CSH** | HID clam shell prox card, 10 pack | **CV-ISA** | AWID ISO prox card, 10 pack |
| | | **CV-CSH-B** | HID clam shell prox card, 100 pack | **CV-ISA-B** | AWID ISO prox card, 100 pack |
| | | **CV-KTH** | HID prox key tag, 25 pack | **CV-KTA** | AWID format prox key tag, 25 pack |

## DIMENSIONS

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



CV-7400: 3" (76mm), 1-3/4" (43mm), 7/10" (18mm)

CV-7820: 4-5/8" (118mm), 3" (76mm), 1/2" (12mm)