Honeywell

THE POWER OF **CONNECTED**

CM Series 2D Imager Module

CM5680, CM3680, CM2180

Quick Start Guide

CM2D-EN-QS-01 Rev C
9/17

What is the CM Series 2D Imager Module

The CM Series is a range of encased compact 2D imager modules for fixed mount applications.

The CM Series 2D imager module includes the following features:

• USB interface (micro USB connector)

• Exit window

• Beeper

• Status indicator

• Mounting holes for multiple mounting positions

• Sealed enclosure

Required Accessories (not provided)

• Standard USB cable (USB-A to micro USB). Maximum recommended length is 3-5 meters.
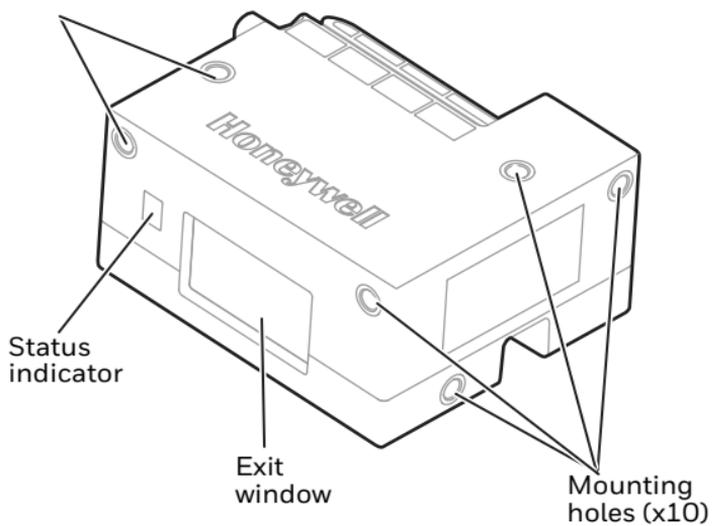
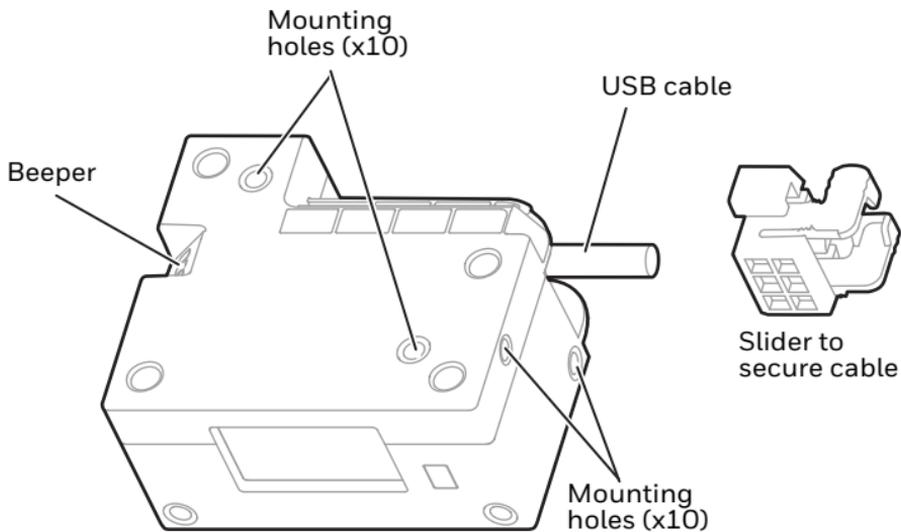## Additional Documentation

The following document is available from your local Honeywell OEM representative:

• *CM Series 2D Imager Module User Guide*

CM Series 2D Imager Module Views

Mounting
holes (x10)

Status
indicator

Exit
window

Mounting
holes (x10)

Mounting holes (x10)

USB cable

Beeper

Slider to secure cable
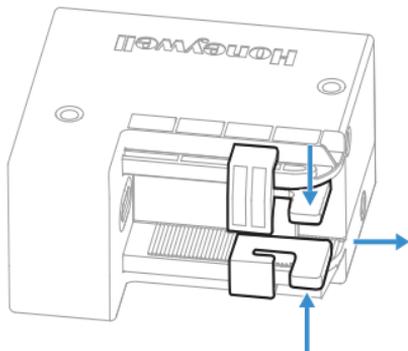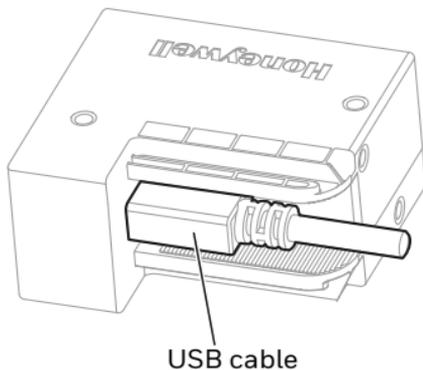
Mounting holes (x10)

Connecting to a Host

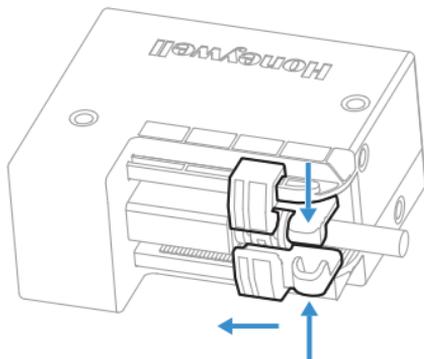By default, the scanner is in USB serial interface.

1. Remove slider from module by pressing the ends and sliding it off.

2. Connect a standard USB cable (standard USB-A to micro USB) to the module.

USB cable

3. Secure the cable to the module using the slider:

   Place the cable through the center of the slider.

   Press the ends of the slider and slide it back on to the module until tight.

4. Connect the USB cable to the host.

5. Power-up the host.

   The scanner powers up, emits a series of beeps from low to high, and lighting turns on.

Note: *The host does not have to be powered down before plugging in the device. It can be hot plugged.*

Configuration

You can configure your scanner two ways:

• Reading configuration bar codes

• Using the EZConfig Cloud for Scanning tool

Configuration Bar Codes

Scan configuration bar codes to set up your scanner. All available configuration bar codes are available in the *CM Series 2D Imager Module User Guide*. Contact your local Honeywell OEM representative for more information.

EZConfig Cloud for Scanning Tool

Use the EZConfig Cloud for Scanning tool to configure your scanner online:

1. Go to the Honeywell web site at www.honeywellaidc.com

2. Click on the Browse Products tab. Under Software, select Device Management.

3. Click on EZConfig Cloud for Scanning.

4. Scroll to the bottom of the page and click on Register for free access now to sign up.

Basic Setup

Here are some basic menu bar codes that may be useful for testing. For more setup options see the *CM Series 2D Imager Module User Guide* (available from your local Honeywell OEM representative).

Note: *The * symbol indicates the default value.*

Interface

For USB serial interface, you must install the USB driver before connecting your scanner. You can find the most current USB driver at hsmftp.honeywell.com.

USB Serial Interface *

TERMID130.

USB PC Keyboard

TERMID124.

Keyboard Country Layout

the default keyboard is United States.

United States *

KBDCTY0.

French

KBDCTY3.

German

KBDCTY4.

Italian

KBDCTY5.

Beeper Volume

Low

```
BEPLVL1.
```

Medium

```
BEPLVL2.
```

High *

```
BEPLVL3.
```

Off

```
BEPLVL0.
```

Presentation Mode

The scanner LEDs remain dim and aimer off until a movement is detected, then the aimer turns on and LEDs light up to read the bar code.

There are 2 types: **Presentation Mode** or **Presentation Mode— Extended Reading Range**.

Presentation Mode: Optimized scan speed, limited reading range.

Presentation Mode *

PAPTPR.

Presentation Mode—Extended Reading Range: Optimized reading range, low scan speed.

Presentation Mode—Extended Reading Range

PAPTPE.

Streaming Presentation

The scanner LEDs are on all the time (continuous) and the aimer is off until a movement is detected, then the aimer turns on to read the bar code.

There are 2 types: **Normal** or **Enhanced**.

Streaming Presentation—Normal: Fast scan speed, limited reading range.

Streaming Presentation Mode—Normal

PAPSPN.

*Streaming Presentation—Enhanced: Fastest possible scan speed, slightly less reading range than **Normal Streaming Presentation** mode.*
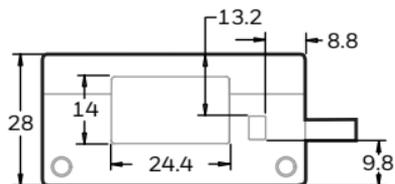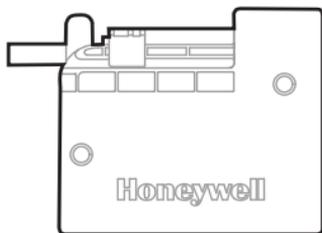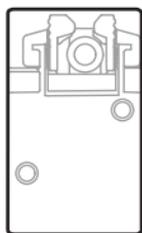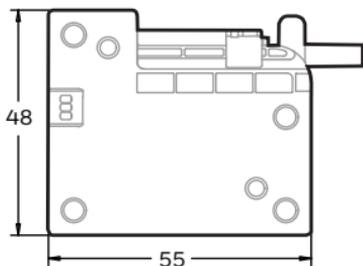
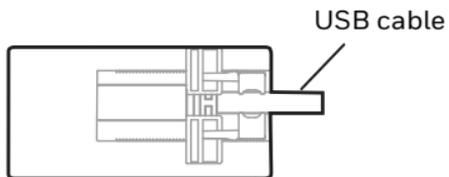Streaming Presentation—Enhanced

PAPSPE.

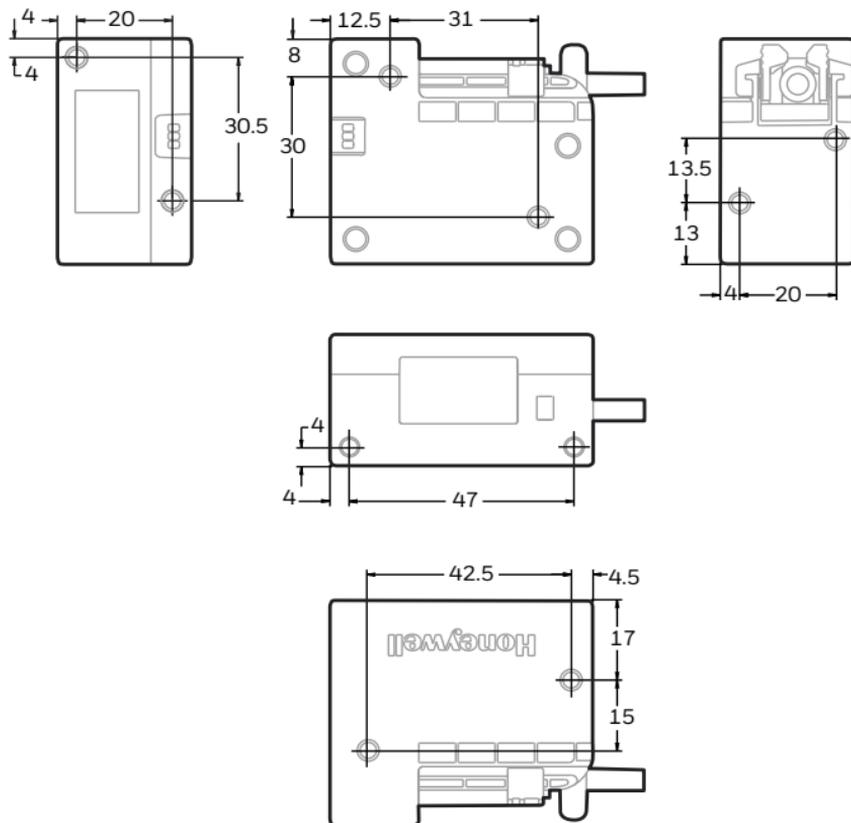## Reset Factory Defaults

The following bar code resets factory defaults.

DEFALT.

Mechanical Dimensions

USB cable

Units are in millimeters. Tolerances: ±0.5 mm.

Mounting Holes

Use M3 screws with a maximum depth of 5.8 mm/0.23 in. Max torque 4.5kgf.cm/3.9 lbf.in and pull out resistance 736N.

Units are in millimeters. Tolerances ±0.5 mm.

Recommendations

- Do not add an exit window over the existing exit window.
- For best beeper performance, do not fully cover the beeper opening.
- Be sure the cable is fitted tightly in the connector using the cable slider. The cable over mold should not be more than 23 mm/0.90 in.

Support

To search our knowledge base for a solution or to log into the Technical Support portal and report a problem, go to www.hsmcontactsupport.com.

Limited Warranty

For warranty information, go to www.honeywellaidc.com and click **Get Resources > Product Warranty**.

Patents

For patent information, see www.hsmpats.com.

Trademarks

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