

MV-ID7080EM-35Fef-WHA

ID7000 Series Logistics Code Reader



Introduction

MV-ID7080EM-35Fef-WHA logistics code reader realizes automatic code recognition in all directions based on DWS code reading scenario. Relying on code recognition technology, the code reader can output recognition results in a rapid and accurate way.

Available Model

MV-ID7080EM-35Fef-WHA

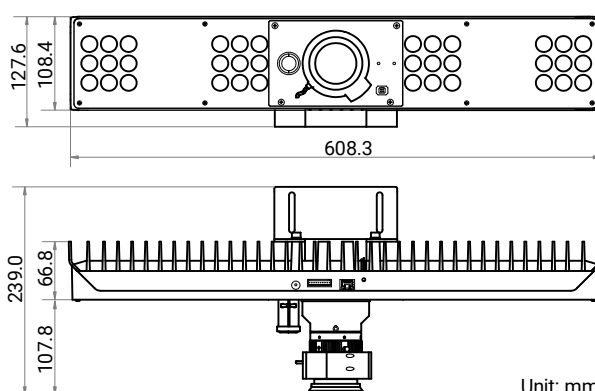
Applicable Industry

Code-reading in logistics industry, factory automation, etc.

Key Feature

- Built-in code reading algorithm to read different types of one-dimensional and two-dimensional codes with good robustness.
- Supports image stitching and outputting combined images according to order.
- Adopts image sensor to acquire and provide high-quality images.
- Supports different trigger modes and image acquisition modes.
- Adopts multiple I/O interfaces for input/output signals.
- Supports RS-232 serial communication protocol.
- Adopts integrated light source design with 36 LED lights, and green LED for aiming.
- Supports motorized focus for quick and clear code capture.

Dimension



Specification

Model	MV-ID7080EM-35Fef-WHA
Performance	
Symbologies	1D codes: Code 39, Code 93, Code 128, CodaBar, EAN8, EAN13, ITF25, ITF14, UPCA, UPCE 2D codes: QR Code, Data Matrix Stacked code: PDF417
Max. line frequency	15 kHz
Max. operating speed of conveyor belt	2.5 m/s
Resolution	7424 × 1
Focal length	35 mm
Best working distance	1000 mm
Field of view (range)	1000 mm @10 mil
Mono/color	Mono
Communication protocol	SmartSDK, TCP Client, TCP Server, Serial, FTP, UDP
Electrical feature	
Data interface	Gigabit Ethernet (1000 Mbit/s)
Digital I/O	10-pin green terminal provides I/O, including differential input (LineIn 0) × 1, opto-isolated input (LineIn 1) × 1, opto-isolated output (LineOut 3/4) × 2, and RS-232 × 1.
Power supply	48 VDC
Max. power consumption	180 W @ 48 VDC
Mechanical	
Lens mount	F-mount, mechanical focus supported
Aiming system	Green LED
Dimension	608.3 mm × 127.6 mm × 239 mm (23.9" × 5.0" × 9.4")
Weight	Approx. 5 kg (11 lb.)
Temperature	Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F)
Humidity	20% RH to 95% RH (no condensation)
General	
Client software	IDMVS
Operating system	32/64-bit Windows 7/10, 64-bit Windows 11