

MV-PD010003-12C-8C

Logistics Code Reading Set



Introduction

MV-PD010003-12C-8C logistics code reading set consists of industrial camera, lens, and light source. With barcode recognition technology, it can automatically locate and recognize barcode on package, and output barcode information. It is widely applicable to logistics distribution center, etc.

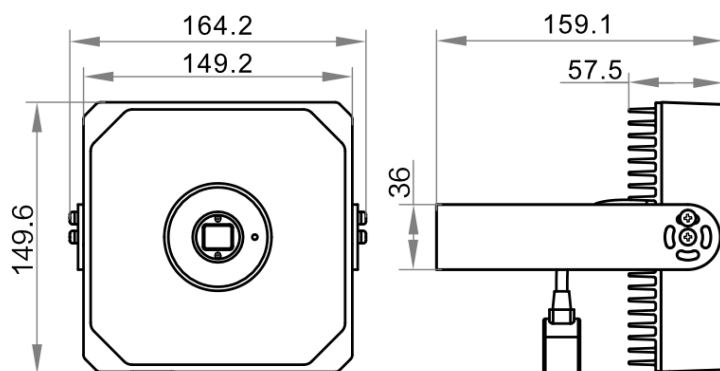
Available Model

MV-PD010003-12C-8C

Applicable Industry

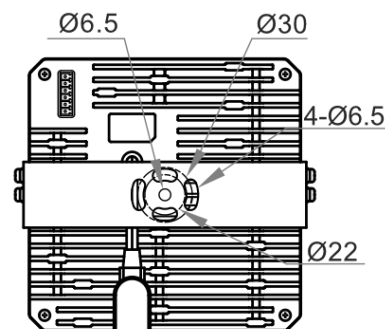
Logistics code reading, warehouse sorting, etc.

Dimension



Key Feature

- Adopts code recognition technology.
- Supports acquisition and integration of data and images.
- Supports local data storage, uploading, and tracking.
- Adopts integrated structure to facilitate installation.
- Centralized light with high luminescence efficiency.
- Long service life time, and stable performance.
- Provides real-time and effective data for logistics related enterprises.



Unit: mm

Model	MV-PD010003-12C-8C
Performance	
Symbologies	1D codes: Code 39, Code 93, Code 128, Codabar, EAN
	2D codes: QR Code, Data Matrix
Focal length	8 mm
Best working distance	780 mm
Field of view	730 mm × 550 mm @10 mil
Depth of field	400 mm
Resolution	4024 × 3036
Max. frame rate	9.6 fps @4024 × 3036
Aperture	F2.8 to F16
Center illuminance	9000 lux @1000 mm
Uniformity	0.56
Luminous flux	5900 lm
Light source wavelength	420 nm to 730 nm
Color temperature	6500 K
Mono/color	Color
Pixel format	Mono 8, Bayer 8, YUV 422 Packed, YUV422(YUYV)
Electrical features	
Data interface	Gigabit Ethernet
Digital I/O	6-pin connecting terminal provides power and I/O, including opto-isolated input × 1 (Line 0), and bi-directional non-isolated I/O × 1 (Line 2)
Power supply	24 VDC
Power consumption	44 W
Mechanical	
Dimension (without lens)	164.2 mm × 149.6 mm × 159.1 mm (6.5" × 5.9" × 6.3")
Weight (without lens)	Approx. 1420 g (3.1 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% to 80% RH, non-condensing
General	
Client software	MVS, Code Platform
Operation system	32/64-bit Windows XP/7/10
Certification	CE, KC

Note:

- Do not directly touch cooling parts of the device to avoid scald.
- Do not debug the device for a long time in close distance to avoid scald.