

MV-PD010003-23IH

Logistic Code Reading Set



Introduction

MV-PD010003-23IH logistic code reading set integrates functions of image acquisition, data processing, and result output. It not only improves the efficiency of image data transmission and processing, but also reduces the performance requirements for supporting devices. It is widely used in code recognition scenarios in the express logistics industry.

Available Model

MV-PD010003-23IH

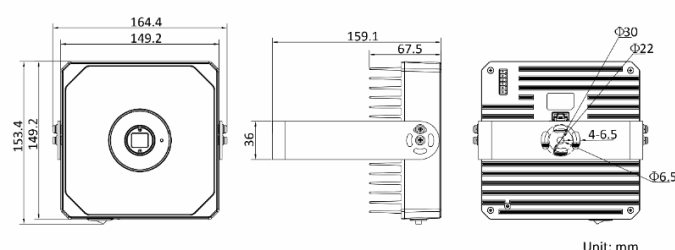
Applicable Industry

Logistics code reading, warehouse sorting, etc.

Key Feature

- Built-in code reading algorithm to read different types of one-dimensional and two-dimensional codes with good robustness.
- Integrates functions of image acquisition, data processing, and result output.
- Adopts integrated structure design for convenient installation.
- Centralized light with high luminescence efficiency.
- Long lifetime, stable performance, and strong environmental compatibility.

Dimension



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Specification

| | |
|---------------------------------|--|
| Model | MV-PD010003-23IH |
| Performance | |
| Symbologies | 1-dimensional codes: Code 128, Code 39, Code 93, CodaBar, EAN, ITF25 2-dimensional codes: QR Code, Data Matrix |
| Max. frame rate | 10 fps |
| Max. reading speed | 30 codes/sec |
| Focal length | 16 mm (0.6") |
| Best working distance | 1870 mm (73.6") |
| Field of view (range) | 870 mm × 635 mm @10 mil |
| Depth of field | 700 mm (27.6") |
| Resolution | 4096 × 3000 |
| Exposure time | 16 µs to 0.5 sec |
| Gain | 0 dB to 30 dB |
| Aperture | F2.8 to F16 |
| Center illuminance | 10000 lux @1000 mm |
| Uniformity | 0.56 |
| Luminous flux | 4200 lm |
| Light source wavelength | 420 nm to 730 nm |
| Color temperature | 6500 K |
| Electrical feature | |
| Data interface | Gigabit Ethernet |
| Digital I/O | 6-pin green terminal provides power and I/O, including opto-isolated input × 1 (LineIn 0), and opto-isolated output × 1 (LineOut 0). |
| Power supply | 24 VDC |
| Max. power consumption | 45 W @24 VDC |
| Mechanical | |
| Dimension (without lens) | 153.4 mm × 164.4 mm × 159.1 mm (6.0" × 6.5" × 6.3") |
| Weight (without lens) | Approx. 1550 g (3.4 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 | IDMVS |
| Operating system | 32/64-bit Windows XP/7/10 |
| Certification | CE, FCC |

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.