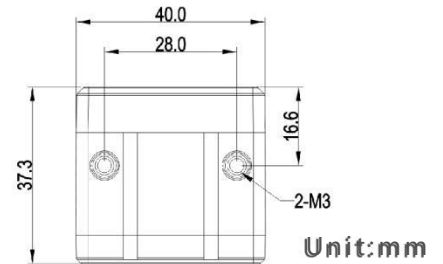
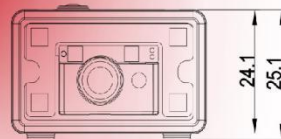


RV100

Compact Barcode Reader



Features

- ✓ **Compact, small size very convenient for installation**

Dimensions:
40mmX37.3mmX25.1mm

- ✓ **Common communication interfaces, suitable for integrating**

RS232
USB(keyboard simulation,
serial port simulation)

- ✓ **Megapixel and efficient algorithm**

Efficiently reading 5mil DM codes and 3mil 1D barcode

- ✓ **Excellent light sources**

Blue/red/white lights and atomized lighting for different applications

Applications



Medical testing equipment



Robot



Test instrument



Self-service terminals



Laser & inkjet

Technical Data

| | RV100 |
|-------------------------------|--|
| Image Sensor | 1024X800 |
| Sensor | 1/4inch CMOS |
| Frame Rate | 72 frame/s |
| Trigger Mode | Command trigger ;I/O trigger; Continuous reading mode; Presentation Mode |
| I/O Type | 1 isolated inputs;2 isolated outputs |
| LED | 3 LED indicator lights (power , reading success, reading failure) |
| Light Source | Red/ White / Blue optional LED light source |
| Focusing Mode | Fixed focus |
| Focal Length | 4.2mm |
| Angular Field of View | 38.5° |
| Scanning Accuracy | 1D code : 3mil / 2D code : 5mil |
| Aiming System | Laser cross aiming |
| Communication Interfaces | RS232、 USB simulation serial port and keyboard port |
| Operating Voltage | Serial port: 5VDC; Powered by USB |
| Power Consumption | 1.2W (Standby status) ,1.75w (average) ,2W (Peak) |
| Weight | 38g |
| Dimensions | 40mmx37.3mmx25.1 mm (LxWxH) |
| Operating Temperature | -10~50°C |
| Storage Temperature | -20~65°C |
| Sealing | IP54 |
| Certification | CE、 RoHS |
| Shock Resistance | 10 to 55 Hz: double amplitude 2.5 mm / 3 hours in X,Y and Z directions |
| ESD Protection Level | Air discharge:±8KV Contact discharge:±2KV |
| Electromagnetic Compatibility | EN55032:2015 EN55024:2010 |
| Decode Capability | Readable1D,2D and stack codes that meet national and international standards |

Reading Performance Tables

