

# Experience Next Generation 1D Scanning Performance

Entry-level Hand-held CCD Barcode Scanner

# PARAGON VT100

- | Mobile Barcode Scanning
- | 200 scans/sec High-speed Scanning
- | Up to 18cm Scan Distance
- | Slim & Light Design
- | Support USB & RS232
- | Usable with Various Applications



MOBILE  
BARCODE



1D  
BARCODE



USB  
INTERFACE



RS232  
INTERFACE

## OVERVIEW

The PARAGON VT100 is well-designed, ergonomic and high-performance hand-held CCD scanner.

With a scan speed of 200 scans per second and a decode distance of more than 18cm, it is a solid alternative to hand-held laser scanner.

This remarkable scanner can be used in various applications such as retail, logistics, office automation and more.



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## PARAGON VT100

### KEY FEATURES



#### Mobile Barcode Scan

The VT100 can read barcode on mobile phone or computer screen. Users can use the VT100 as mobile marketing tool.

#### Fast Scan Speed

A scan speed is up to 200 scans per second. Users can make their work more efficient.

#### Up to 18cm Long Range Scan

The VT100 has a decode distance of 18cm. The Vt100 is long-range scanner comparing to other entry-level scanners.

#### Compact & Light; Ergonomic Design

The VT100 has super-slim body. Only 16mm thickness.

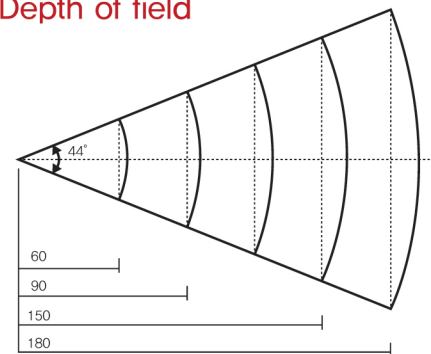
#### Supporting USB & RS232

Users can choose USB or RS232 interface for scanning barcode. The PARAGON VT100 supports both types.

#### Usage with Various Applications

The VT100 can be used in various applications such as retail, logistics, office automation and more.

### Depth of field



| Barcode | Density(mil) | Near(mm) | Far(mm) |
|---------|--------------|----------|---------|
| EAN/UPC | 4            | 0        | 60      |
| EAN/UPC | 5            | 0        | 90      |
| EAN/UPC | 10           | 0        | 150     |
| EAN/UPC | 13           | 0        | 165     |
| Code 28 | 13           | 0        | 180     |

## SPECIFICATION

### Performance

|                       |   |
|-----------------------|---|
| Image Sensor          | Linear CCD  |
| Interface             | USB, RS232  |
| Symbologies           | Code39, Code32, Code128, Code93, Code11<br>Codabar, All UPC/EAN/JAN Code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleaved 2 of 5, Chinese Postage Code, MSI/PLESSY, etc. |
| Precision             | ≥4mil   |
| Light Source          | Red LED 660nm   |
| Scanning Speed        | 200 scans per second  |
| Depth of Scan Field   | 0mm - 180mm   |
| Print Contrast Signal | ≥45%  |
| Roll                  | 43°   |
| Pitch                 | 30°   |
| Yaw                   | 43°   |
| Illumination          | 0 ~ 10,000 LUX  |

### Mechanical / Electrical

|           |         |       |
|-----------|---------|-------|
| Voltage   | DC 5.0V |       |
| Current   | Working | 130mA |
|           | Idle    | 30mA  |
| IR Rating | IP30    |       |
| Weight    | 85g     |       |

### Environment

|                     |                            |
|---------------------|----------------------------|
| Operate Temperature | 0°C to + 50°C              |
| Storage Temperature | -26°C to + 60°C            |
| Humidity            | 10% - 80% (non-condensing) |

### Certifications

FCC Part 15 Class B, CE EMC Class B

\*Please ask your sales representative for the specs not listed above.