

RETSOL PD-3000+

Presentation Scanner 1D/2D



Scanner Features

- » 1 Megapixel Imaging Sensor runs with a 1.2GHZ CPU
- » High Resolution 1280x1080 Pixel
- » A Loud Scanning Alert Sound
- » Super Large Scanning Window
- » Excellent Pass Through Scanning
- » Very Good Motion Tolerance
- » USB or RS232 Interfaces
- » 3 Working modes (Normal, Mobile Screen and Fast Moving modes)
- » Capture every Barcodes on paper and LED/LCD Screens



Technical Specification



Physical Characteristics

Dimensions	150mm x 95mm x 98mm
Weight	295g
Voltage	5 VDC±5%
Current	500mA (Operating)

Performance Characteristics

Light Source	illumination: 617nm RED LED
Field of View	55° (H) x 47° (V)
Roll / Pitch / Yaw	360°, ±65°, ±60°
Print Contrast	15% minimum reflective difference
Motion Tolerances	up to 200 cm per second
Image (Pixels)	1280 pixels (H) x 1080 pixels (V)
Interfaces Supported	USB,RS232

Decode Ranges

3.13mil C39	30mm-50mm
4.7mil C39	30mm-80mm
5.13mil C39	20mm-115mm
6.88mil PDF	0mm-180mm
10mil DM	10mm-180mm
20mil QR	0mm-230mm

Symbology Decode Capability

1 - Dimensional	UPC, EAN, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, etc.
2 - Dimensional	PDF 417, Data Matrix, Maxicode, QR Code, Aztec, etc.
Minimum Resolution	3 mil Code39

User Environment

Operating Temperature	0°C to 50°C
Storage Temperature	- 40°C to 70°C
Humidity	0% to 95% relative humidity, non-condensing
Shock Specifications	Design to Withstand 1m drops
Ambient Light Immunity	100.000 Lux

Warranty

Warranty	2 Years - Factory Warranty *
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Performance may be impacted by bar code quality and environmental conditions

* warranty - Against Manufacturing Defects on the Scanner
Specifications are subject to change without notice

