PAVO P-3080i

On-Counter Presentation 2D Barcode Scanner

SCANTECH ID®
CHAMPTEK Group

Introduction

The PAVO P-3080i is an on counter 2D bar code scanner, it uses digital imaging technology to provide intuitive and blazing reading of 1D and 2D bar codes without sacrificing scanning quality or performance. The P-3080i reader provides great performance and reliability along with a rich feature set to provide excellent value in virtually any desktop presentation barcode scanning system. With the P-3080i, not only can identify product pricing barcode label, furthermore, it is able to scan virtually any mobile bar code on various types of display to enhance service levels.

The P-3080i reader includes a powerful configuration quide which allows easy integration into existing or new host systems. Its precise imaging scan volume is perfect for hands-free scanning in confined spaces and helps reduce accidental misreads of items, provides instant and accurate scanning, making the checkout process more efficient for you and more convenient for your customers.

Features

- Read most 1D, 2D, composite and stacked codes, reduce your investment cost.
- Wider reading field of view.
- Sharp wake-up detection.
- High-speed movement tolerance of 1 m/s, suitable for high-traffic scanning requirements.
- The bottom and back designs are designed to be fixed or hung and positioned to meet different installation requirements.

- Boost customer services with good ability to scan mobile bar code on various types of display.
- Great reading performance and best cost-effective investment.

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Reading Range

Barcode	Depth of field
4mil Code39	10 ~ 65mm
10mil Code39	10 ~ 150 mm
13mil UPC/EAN	10 ~ 190 mm
8mil PDF417	10 ~ 140 mm
20mil Data Matrix	10 ~ 180 mm
20mil QR Code	10 ~ 180 mm

Note : The test is under ambient light 450~550 Lux.

Wall / Desk Mount

buzzer

Fixing screw hole
& Hanging hole

Data interface

Bottom fixing screw hole   Anti–slip foot pad

Specifications

- **Physical Characteristics**

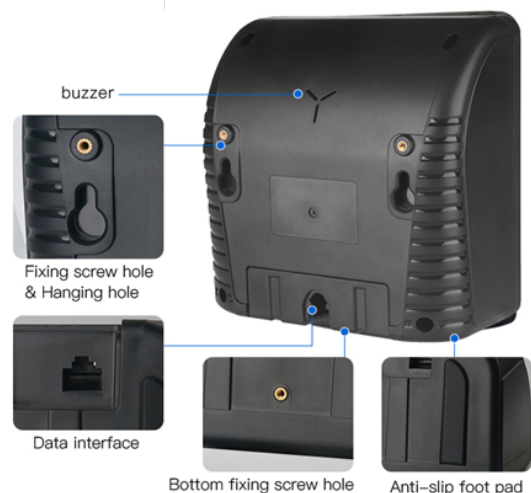| Body Weight	Approx. 508.6g（without cable)
Dimension	Scanner: 152mm(W) x 153.2mm(H) x 84.12mm(L)
Cable Length	USB cable or RS232 (USB power supply Y cable)， length 180cm
Material	ABS
Interface	RS-232, USB(HID or Virtual COM.)
Indicators	Beeper and LED

- **Performance**

Light Source	Visible red light 625nm LED
Motion tolearance	100cm per second
Resolution	1280 (H) x 800 (V) pixels
View of Field	Horizontal 62°× Vertical 41°
Forward & Backward (Pitch)	±70° (from front to back)
Left & Right (Skew)	±65° (from plane parallel symbol side-to-side)
Rotational Tolerance	±180°
Print Contrast Signal	≥20%

- **Electrical Characteristics**

Interface	RS232	USB (HID or Virtual COM.)
Supply Voltage	DC Adaptor(+5V)	DC 5V@280mA (work)

- **Environmental**

Operating Temp.	-20°C/-4°F to 50°C/122°F
Storage Temp.	-40°C/-40°F to 60°C/140°F
Relative Humidity	5% to 95% (Non-condensing)
Ambient Light	100,000 Lux Max. (Sunlight)

- **Reliability**

Life Time

MTBF (Calculated)	50,000 hours
Cable Bending Test	25,000 times minimum (30 times/min @ 500g/90°)

- **Readable Symbologies**

1D Symbologies
UPC-A，UPC-E，EAN-8, EAN-13, Code 128, GS1-128, Code 39, Code 32, Code 93, Code 11，Interleaved 2 of 5，Matrix 2 of 5，Industrial 2 of 5 (Straight 2 of 5)，Standard 2 of 5（IATA 2 of 5）， Codabar（NW-7），MSI, GS1 Databar(Omnidirectional, Limited, Expanded)，China Post, Tepepen, GS1 Composite.

2D Symbologies
QR Code, Micro QR Code, Data Matrix，PDF417, Micro PDF 417，MaxiCode, Aztec, HanXin Code, Chinese ID Card OCR.

Due to Champtek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.