PS800 2D on-counter

High performance at affordable price!

The Unitech PS800 is the ideal on-counter imager for retailers that require high performance in a compact design. Supporting all common 1D and 2D barcodes, the PS800 can be used in a wide variety of markets and applications such as retail, point-of sale, pharmacy, hospitality at affordable price!

The ideal solution for retail, point-of-sale, pharmacy, hospitality applications:

- Point-of-Sale
- Loyalty Card
- Mobile Coupon
- Administration / information service
- Check-in / Check-out
- Personal identification
- Document tracking

Smart and compact design

When space is limited but high performance is required, its compact size and footprint makes it the ideal solution for space-constrained environments.

The PS800 is equipped with an adjustable omni-directional scanning head, you can move its head forward and backward to adjust the scanner to the most convenient hands-free scanning position meeting your needs. Ingegrated with an image auto-induction function effectively reduces power consumption and subsequent core components abrasion. Moreover; the PS800 is designed with an ergonomic finishing grip, suitable for handheld operation (trigger mode).

High performance on-counter scanning

Besides reading all common 1D and 2D barcodes, this on-counter scanner is also able to scan digital mobile barcodes (including QR codes) from various types of displays to enhance service levels, without losing scanning quality or performance.

Featuring a rugged design, the PS800 on-counter scanner is IP50 rated for environmental protection and has a high 1.5 m drop specification, making the scanner durable.

"PS800 is available in USB/HID, USB/SPP and also supports OPOS protocol."

Main Features

- High performance on-counter imager with 5 years warranty* at competitive price！
- Support wide variety of 1D and 2D symbologies
- Versatile scanning mode to meet different working environment needs
- Reads digital barcodes displayed on the screen of a mobile phone, tablet or computer (incl. QR code)
- Fast and accurate scan, ergonomic design and easily for holding during handheld operation.
- Rugged and durable design with IP50 and 1.5m drops
- Compact design - fitting most confined spaces
- Cost-efficient investment

5 Years WARRANTY

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Operational & Performance

Technology	2D imager, 752 x 480 pixels
Light Source	Beeper, LED
Light level	Max 100.000 LUX
Scan Skew	± 58°
Scan Pitch	± 73°
Scan Roll	360°
Indicator	Beep, LED

Reading distance (DOF)
Depth of Field

5 mil Code 39 (3 chars):	10 – 60 mm
13 mil UPC (6 chars):	0 – 170 mm
20 mil Code 39 (1 char):	0 – 255 mm
6.7 mil PDF417 (20 chars):	5 – 70 mm
10 mil QR (20 chars):	0 – 95 mm
20 mil QR (20 chars):	0 – 220 mm

* = dependents on width, type and quality of barcode.

Symbologies

1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 Data Bar (formerly RSS) variants.

2D: PDF417, QR Code, DataMatrix, Stacked GS1 Databar, Micro QR code, Chinese Hanxin Code, Aztec, MicroPDF417*

* = Update specific firmware required to support it.

Power Source

Operation Voltage	5 DC ± 0.25 V
Power:	Working: 240 mA
	Standby: 90 mA,

Enclosure

Scanner dimension	157mm x 93mm x 95mm (H x W x D)
Cable	2.0m straight cable
Scanner weight	287g (without cable)

Environmental

Mechanical Shock	1.5m onto concrete*
IP Rate	IP50
Operating Temperature	-20°C to 55°C
Storage Temperature	-20°C to 75°C
Relative Humidity	5% to 95% non-condensing

* = Tested 30 times

Operation modes
Auto-detection Mode / Trigger Mode

Connectivity

Interface	USB/HID (USB/SPP, OPOS*)

* = Additional software drver needed.

Safety & EMC

EMC:	EN55022, EN55024
Electrical:	EN60950-1
Photobiological:	EN62471:2008

Regulator approvals
CE

Warranty
5 Years scanner head only*
1 Year USB cable

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