PS900 HIGH PERFORMANCE
2D desktop presentation scanner

3 YEAR WARRANTY

Scanning indicator

Mount to PS900

Fix to desk   **Fix to desk**

The Unitech PS900 is the ideal on-counter/desktop presentation imager where a large format design and high performance is required. Besides reading all common 1D and 2D barcodes, this imager is able to read digital barcodes from mobile screens (including QR codes) without losing scanning quality or performance.

Its wide field-of-view, omin-directional scanning capability, fantastic motion tolerance and advanced decoding software, the PS900 will facilitate users to scan all barcodes at speed on their first pass.

- The PS900 comes with desktop stand. This desktop stand allows the PS900 to become tilt-able besides a fixed vertical standing position, but it also removable if desired.

- The PS900 supports multiple interfaces such as: USB/HID, USB/SPP and OPOS* protocol. * Additional software driver needed.

- Besides auto-sending mode this imager also support trigger mode when required. In addition the auxiliary interface offers the option to connect an additional handheld scanner.

- The PS900 features a loud but adjustable speaker and offers convenient visual 8139017confirmation of good scans.

- The PS900 comes standard with stand, 2 meter USB cable and 3 year warranty. A competitive package and at an extremely competitive price.

PS900 High performance
Compact design and high performance reading rate

The PS900 form factor can be integrated in most situations. The imager is specially designed with performance in mind and can be used in a wide variety of applications such as:

POINT-OF-SALES   **CUSTOMER LOYALTY**   **TICKETING**   **COUPONING**

unitech

3 YEAR WARRANTY

Operational & Performance

Technology	2D imager, 1280×1024 pixels
CPU	32-bit ARM Microprocessor
Artificial light Immunity:	100,000 lux
Light source	2700K, LED White
Scan angle	±60° skew
	±54° ptich
	360° roll
Field of view	Horizontal:40°
	Vertical:32°
Frames/second	60
Scanning rate	95.3 inches/second
Motion tolerance	no less than 3m/s
Print contrast	20% minimum reflectance difference
Indicator	Loud speaker/Beeper (adjustable), LED (2700K), MP60
Print contrast	20% minimum reflectance difference
Deconing capability	All common 1D/2D paper barcodes and mobile barcodes

Reading distance (DOF)*

Depth of Field	1D: 0mm to 210mm
	2D: 0mm to 100mm

4 mil Code39 (9 chars)	35 mm - 70 mm
5 mil Code39 (3 chars)	25 mm - 80 mm
10 mil Code39 (3 chars)	0 mm - 120 mm
13 mil UPC (6 chars)	0 mm - 140 mm
15 mil Code39 (1 char)	0 mm - 145 mm
20 mil Code39 (1 char)	0 mm - 210 mm
6.7mil PDF417 (20 chars)	20 mm - 95 mm
10mil QR (20 chars)	10 mm - 100 mm
20mil QR (20 chars)	10 mm - 100 mm

* Depending on width, type and quality of barcode.

Symbologies

1D:	UPC-A, UPC-E, UPC-11, EAN-13, EAN-8, ISBN, ISSN, Code39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, Code 128, UCC/EAN 128 (GS1-128), ISBT 128, Code 93, Code 11, MSI/Plessey, UK/Plessy, China Post, China Finance, GS1 DataBar, GS1 DataBar Trucated, GS1 DataBar Limited, GS1 DataBar Expaneded
Stacked code:	GS1 Composite, PDF417, MicroPDF417*
	* = Update specific firmware required to support it.
2D:	DataMatrix, QR code, Micro QR code, Han Xin Code, Aztec Code

Regulator approvals

CE, FCC, RoHS

Power Source

Operation Voltage	5 DC ± 0.25 V
Power:	Working: 410 mA
	(Max: 700 mA)
	Standby: 300 mA

Enclosure

Dimension:	145 mm × 82 mm × 153 mm (without stand)
	187 mm × 112 mm × 153 mm (with stand)
Weight:	482g (without stand / without cable)
	755g (with stand / without cable)
Cable	Black straight 2.0m USB cable

Material

Case material:	PC
Exit Window Material:	Tempered glass

Environmental

IP Rate	IP52
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 70°C
Relative Humidity	5% to 95% non-condensing

Operation modes

Scanning mode:	Auto-detection Mode
	Continue mode
	Host mode
Programming method:	Scanning special barcodes in sequence

Connectivity

Interface	USB/HID (USB/SPP, OPOS*)
	* = Additional software driver needed.
Connector type	RJ-45 phone jack connector
Interfaces	RS-232, USB keyboard
	USB virtual COM, OPOS, JPOS

Safety & EMC

EMC:	EN55032:2015, EN55024
Electrical safety:	EN60950-1
Photobiological Safety:	EN62471
RF Immunity:	IEC61000-4-3, 10 V/m

Inside the box

PS900 imager
2m USB cable (straight, black)
Black desktop stand (for adjustable tilt position) + screw

3 YEAR WARRANTY

Warranty

3 Years scanner
1 Year USB cable

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because we care