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# 2D SCANNER

integrated mini-scanner



Integrated, articulated and adjustable 2D mini-scanner, compatible with Sango and Yuno point-of-sale terminals.

This high-performance, ultra-compact **2D scanner** is excellent value for money; it features a specially designed image sensor for optical recognition of 2D and 1D barcodes.

The device also includes an imager for taking snap-shot images, and specific decoding software architecture for optimized reading of difficult barcodes and restaurant vouchers, etc. In addition, it reads codes from smartphone screens, e.g. during checkout (recognition of QR codes, identifiers, personal and promotional codes, etc.).

The **2D scanner** is flexible, adjustable and is supplied built-in (optional extra on Sango and Yuno terminals). It frees up operators' hands since there is no need for hand-held scanners, which sometimes take up too much space, get lost and are damaged if they fall.

Unlike most hand-held barcode readers and scanners, this device is designed without any visible, cumbersome cables, thus ensuring clutter-free sales counters during payment receipt.



# SANGO/YUNO 2D SCANNER



Ultra-compact and built into EPOS terminals  
(optional extra on Sango and Yuno terminals)

Articulated and adjustable

Advanced image-sensor technology for 2D and 1D barcode decoding

Read codes from smartphone screens

USB interface – series or keyboard emulation

Direct power supply via EPOS terminal (Sango or Yuno)

No unnecessary, visible and messy cables



## MODEL 2D SCANNER

Performance	
Sensor	Proprietary CMOS sensor Resolution: 752 x 480 pixels
Light Source	617 nm red LED
Aiming	528 nm green LED
Field of View	Optics: 40.6° (horizontal), 26.4° (vertical)
Scan Angles	360°
Contrast	32% minimum

## SYMBOLOGIES

1D	UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8, Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7), 2 parmi 5 industriel, 2 parmi 5 entrelacé, S-Code, IATA, Code 93, Code 128, MSI/Plessey, UK/Plessey, TELEPEN, 2 parmi 5 Matrix, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Composite GS1-DataBar, Composite GS1-128, Composite EAN, Composite UPC
Postal Code	Chinese Post, Korean Postal Authority code
2D	PDF417, MicroPDF417, Codablock F, QR Code, Micro QR Code, DataMatrix (ECC 0 - 140 / ECC 200), MaxiCode (Modes 2 to 5), Aztec Code, Chinese Sensible Code

## ENVIRONMENTAL/OTHER

Temperature Operating	-20°C à 60°C (-4°F à 140°F)
Ambient Light	0 - 100,000 lux (total darkness–bright sunlight)
Dimensions (L x H x D)	23 x 64 x 60 mm
Weight	90g

## SCAN DISTANCES\*

100% U.P.C.	55 mm - 240 mm
5 mil Code 39	84 mm - 125 mm
10 mil Code 39	65 mm - 205 mm
6.7 mil PDF417	85 mm - 115 mm
10 mil Data Matrix	70 mm - 150 mm
15 mil QR Code	55 mm - 195 mm
Resolution, linear bar codes	0.127 mm (5.0 mil)
Resolution, 2D matrix codes:	0.169 mm (6.7 mil)

\*Scanner performance may be impacted by barcode quality and environmental conditions

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