



A fully integrated and adjustable 1D miniature scanner

This integrated single-line miniature scanner manufactured by *Honeywell* is delivered, as an option, with the AURES **sango** EPOS terminal.

Ultra-compact and flexible (articulated), this built in device has been designed for the reading of all 1D barcodes.

As an optional extra, it comes attached to the side of the EPOS touch-screen - allowing users to keep their hands free - unlike traditional handheld scanners that often take up too much space, get lost or break when they fall off counter tops.

No visible wires create a tidy and clutter free sales counter.

Its excellent scanning quality and performance enable optimized reading of all supports, even the most difficult of barcodes (such as restaurant vouchers in some countries, for example).

Thanks to its movement sensor, the **sango** 1D built-in mini-scanner switches automatically into standby mode when not in use, for improved energy savings.



# sango 1D SCANNER mini-scanner

- Ultra-compact built-in, flexible device (optional)
- Fully adjustable
- Advanced bar-code reading
- USB / RS232 or keyboard connection
- Directly powered from the sango EPOS
- No visible cables or wires



## MODELL

## sango 1D SCANNER

### P E R F O R M A N C E

Scan Rate	114 ± 10 scans/sec
Scan Angle	Standard: 48° ±2°; optional 35° ±2°
Tilt, Pitch and Skew Angles	±35°, ±60°, ±65°
Maximum Resolution	0.102 mm (4 mil)
Symbologies	All standard 1D bar codes

### E N V I R O N M E N T A L / O T H E R

Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% RH, non-condensing
Ambient Light Immunity	Direct Sunlight: 100,000 lux; Artificial light: 4,500 lux
Shock Protection	2,000 G for 0.85 msec, mounted on any surface, -20°C to 60°C
Vibration Protection	Random vibration along each of the X, Y, Z axes for a period of one hour: 0.04 G2/Hz over 10-500 Hz
ESD Protection	±8KV indirect discharge
RF Immunity	10 V/m
Dimensions	L x H x D : 55 x 60 x 50mm
Weight	80g

### T Y P I C A L W O R K I N G R A N G E

Symbology/X-Dim Typical Range*	
4 mil Code 39	109 mm - 149 mm (4.3" - 5.9")
5 mil Code 39	94 mm - 201 mm (3.7" - 7.9")
7.5 mil Code 39	68 mm - 305 mm (2.7" - 12.0")
10 mil Code 39	55 mm - 381 mm (2.2" - 15.0")
13 mil 100% UPC	52 mm - 457 mm (2.0" - 18")
15 mil Code 39	45 mm - 547 mm (1.77" - 21.5")
20 mil Code 39	43 mm - 680 mm (1.7" - 26.8")
40 mil Code 39	85 mm - 891 mm (3.4" - 35.1")
55 mil Code 39	119 mm - 976 mm (4.7" - 38.4")

\*Performance may be impacted by bar code quality and environmental conditions

