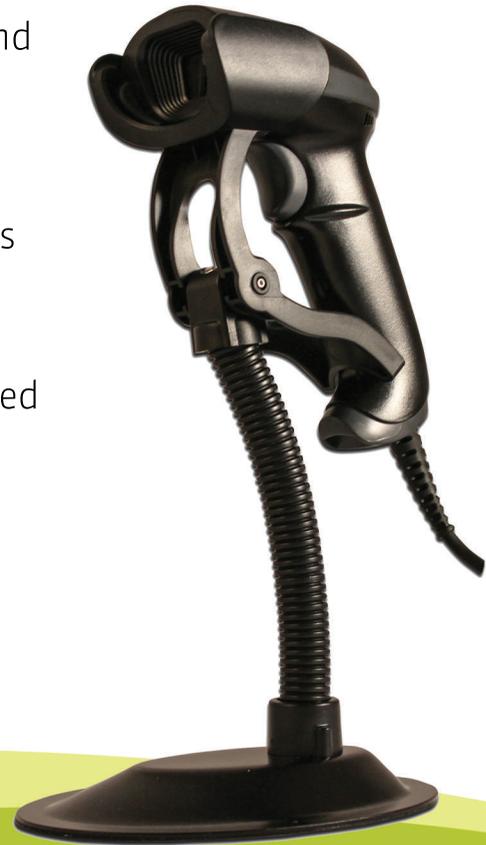


Features

- High speed, omnidirectional reading of 1D, 2D and postal barcodes
- Manual or automatic triggering
- Reliable barcode reading from cell phone screens
- Low power consumption
- Rugged gun type design with durable over-molded housing for tough working conditions

S303D



2D Omnidirectional Scanner

The S303D omnidirectional imaging scanner facilitates high speed reading of both 1D and 2D barcodes. The omnidirectional reading design eliminates the need to align the barcode with the scan pattern or pause between scans. The fast point-and-shoot scanning technique can even be used on damaged and poorly printed barcodes. The over-molded housing and secured cable protects the unit from drops and shock damages.

S303D SPECIFICATIONS

SCANNING

Aiming element	617 nm LED
Illumination element	617 nm LED
Optical system	1280H x 80V pixels (1.0M)
Scan angle	38.2° horizontal; 24.3° vertical
Depth of field	Code 39 (5mil): 50 - 140mm EAN13 (13mil): 40 - 330mm (Note: DOF may vary depending on environment condition and barcode quality)
Sensitivity	5 mil (Code 39)
Print contrast	30% @ UPC / EAN 100%
Indicator	Bi-color LED (blue & red)
Programmable operation	Scan mode, interface mode, beeper tone
System interface	USB (HID and Virtual COM port interface selectable)

ELECTRICAL

Input voltage	5 VDC \pm 10%
Operating current	400 mA typical

REGULATORY

EMC	CE & FCC DOC compliance, VCCI, BSMI
Safety	IEC 62471 exempt

MECHANICAL

Dimension	7.0in x 2.7in x 4.2in (18.0cm x 7.0cm x 10.7cm)
Weight	.3lbs (150g)
Interface cable	Standard 2M straight

ENVIRONMENT

Operating temperature	32°F to 122°F (0°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	5% to 95% RH (non-condensing)
Drop durability	Designed to withstand 1.5M drops
ESD protection	8KV contact, 15KV air

DECODING CAPABILITY

1D barcode	UPC/EAN (UPCA/UPCE/EAN-8/EAN-13), ISBN (Bookland), ISSN, Code 39 (standard, full ASCII trioptic), Code 32 (Italian pharmacode), Code128, Code 93, Codabar, Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11, MSI Plessey, GS1 DataBar (omnidirectional, truncated, stacked, stacked omnidirectional limited, expanded, expanded stacked)
2D barcode	PDF417, MicroPDF417, Composite Codes, (CC-A, CC-B, CC-C), Aztec (standard inverse), Maxicode, Data Matrix/ECC200 (standard inverse), QR Code, QR Code Micro