MS340
Long Range CCD Scanner

MS340, Unitech's latest long range CCD scanner, has been enhanced to provide reliable scanning for rugged applications in field service, industrial production and warehouse. Featuring industrial and military standards, this affordable handheld scanner delivers unparalleled performance in harsh environments.

Ergonomic design

Combining with a comfort grip and ergonomic design, MS340 is flexible to operate in multiple scan types: handheld mode, and presentation mode. With upgraded features that MS340 offers a long range scanning capability to improve operator efficiency, it can be used in most practical way depending on the scanning task from retail point-of sale to transportation surroundings.

Superior data capture performance

The next generation in 1D scanning, MS340 is equipped with advanced scanning technology that provides a superior data capture performance to boost the scan speed up to 500 scans per second for incredible responsiveness. MS340 also supports maximum compatibility by reading major 1D barcode types including UPC, EAN and GS1 DataBar, as well as damaged or poorly printed bar codes.

Rugged and Reliable

Featuring an IP42 environmental sealing against moisture and dust and an impressive 1.5M drop specification to concrete, MS340 is built for durability into business workforce. Moreover, MS340 barcode scanner provides a cost-effective option and it is reliable to be used for long term. Furthermore, it offers multiple interface options: Keyboard wedge, USB, RS232. With versatile capabilities, MS340 has ability to meet the demands of rigorous work environments.

Features

- Superior data capture performance: up to 500 scans/sec
- Compact and ergonomic design
- Available to read most 1D barcode types
- Versatile scanning modes: supports both manual and presentation scanning.
- Multi-interface Communication : USB, K/W , RS232

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▶ Electrical

Operation Voltage	DC 5V ± 5%
Current Consumption	Operate: <150mA
	Standby: <60mA

▶ Optical & Performance

Sensor	Linear CCD Sensor
Light Source	635nmnm Red LED
Ambient light	Up to 100,000 Lux
Processor type	ARM Cortex™-M3, 32-bit
Max. Resolution	4mil/0.1mm@PCS90%, Code39
Scan Rate	Smart detection, up to 500 scans per second
Skew Angle	± 60°(±5°)
Pitch Angle	±10°~65°(±5°)
Printing Contrast Scale	30%
Depth of Field	Up to 500 mm@20mil/0.5mm, PCS90%, Code39

Range			
Density	Near	Far
0.1mm / 4mil	80mm	120mm
0.127mm / 5mil	70mm	140mm
0.15mm / 6mil	60mm	170mm
0.26mm / 10mil	40mm	220mm
0.33mm / 13mil	40mm	330mm
0.39mm / 15mil	40mm	370mm
0.5mm / 20mil	40mm	400mm

▶ Mechanical

Scanner Dimension	72 x 70.3 x 164 mm
Scanner Weigh	173.5g
Switch life	1,000,000 times

▶ Environmental

Drop resistance	1.5M
IP rate	IP42
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	20% to 95% (Non-condensing)

▶ Communication

Interface	KBW / RS232 / USB

▶ Functionality

Symbologies	All UPC/EAN/JAN, EAN128 Code, Code 39, Code 39 Full ASCII Code32 / Italian Pharmacy, Code 128, CODABAR/NW7 Interleave 25, Industrial 25, Matrix 25,MSI/PLESSEY, Telepen Code 93, Code 11, China Postage, Code 26,LCD25, GS1 DataBar
Operation Mode	Handheld / Presentation

▶ Regulation Approvals

CE/ FCC/ VCCI/ BSMI

▶ Accessories

Hand-free stand (Optional)