unitech

MS330

Easy-to-Use Handheld CCD Scanner

The MS330 from Unitech delivers easy-to-use, reliable performance at an affordable price. Perfect for bar code reading in office automation, healthcare, postal service and other light industrial and retail applications.

Reliable Performance

Featuring a built-in long range CCD scan engine, the MS330 provides users extra depth-of-field and a scanning width up to 18cm.

The reliable reading and decoding performance of the MS330 makes data collection easy. An adjustable crisp audio beeper and clearly visible good read LED ensures positive feedback to the user.

Configuring the MS330 is fast & easy, thereby reducing start up time and expense.

To further reduce expense, the MS330 features an interchangeable interface cable design, allowing users to change interfaces by simply replacing the cable.

Rugged Design

To minimize down time, the rugged MS330 is designed to meet 1.5 meter drop test. ESD protection guarantees resistance to 8KV Contact and 12K Air electrostatic discharge.

User Friendly

Rugged construction yet light weight and ergonomic design makes the MS330 an exceptionally user-friendly scanner. The gun design increases user comfort for normal scanning situations. An optional stylish hands free stand is available for the MS330 for automatic scanning applications.

Features

- Long range CCD scan engine
- Fast reading and decoding of all major linear bar codes
- Clear adjustable audible beepers and visible good read LED ensure positive feedback to user.
- Interchangeable cable design
- Robust design withstands1.5m drop onto concrete
- Adjustable hands-free stand for easy reading
- Easy programming using Windows based software or bar codes

MS330
Specifications

Optical & Performance

Light source	660 nm visible red LED
Sensor	3,000-element linear array
Scan rate	50 scans per second
Print contrast	45% absolute dark/light reflectance at 660 nm
Scanning width	7.08″ (180 mm) maximum
Resolution	0.1mm (PCS=90%) at 10cm ±1.5cm distance

Depth of field

Resolution	Reading Distance
4 mil - Code39	65 ~ 70 mm
5 mil - Code39	65 ~ 90 mm
10 mil - Code39	55 ~ 140 mm

Decoder

Symbologies	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCI, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba, EAN 128.
Operation modes	Trigger, flash and continuous modes
Data editing	Preamble, post amble, code id and reformatting data
Function keys	PC, Macintosh and IBM terminal keyboard

Electrical

Operating voltage	5 VDC ±5%
Working Current	< 175 mA (Keyboard Wedge)
Standby Current	Switch Mode < 80 mA

Communication and I/O

Interfaces Supported:	Keyboard wedge RS232 USB Wand emulation

Mechanical

Dimensions:	100 mm (L) x 70 mm (W) x 180 mm (H)
Weight:	164 g

Environmental

Operating Temperature	0° to 50° C
Storage Temperature	-20° to 60° C
Humidity	20 to 85% RH non-condensing
ESD Protection	Functional after 8K Contact and 12K Air
Drop Test	1.5m onto concrete

Regulatory Approvals

CE, FCC, BSMI

Accessories

Hands-free stand
Interface cables