



# MS320

## Long Range Scanner

### Quality performance

The MS320 is a scanner that matches a laser scanner in performance by incorporating aggressive long range CCD scanning technology. Besides supporting most common one dimensional barcodes the MS320 also supports a two dimensional barcode, PDF417. This barcode is selected for applications in areas such as the automotive industry for key applications as shipping, product evidence, quality conveyance, production broadcast, configuration management and material safety data sheets. Both contact and wide reading enables the worker to read labels up to 25 cm.

### Incorporating special ergonomics

Unitech's MS320 is convenient to handle by any worker weighing only 187 grams. The pistol grip design and anti-scud material make the MS320 fit like a glove. Operations behind the counter in stores or in factory are performed without interruptions. Still, if the scanner is accidentally dropped, it will not break down easily because of the 1.5 meter drop test threshold. Overall, with the MS320 businesses can control the total cost of ownership of their investment.

### Valuable extensions

To further enhance the efficiency of you operations, the MS320 can be

extended with an adjustable hands free stand for automated operation. This provides the flexibility to use the MS320 as a presentation scanner. It makes the MS320 ideal for use in the point of sale, office automation and document tracking applications. Cables can be changed easily in case of damage which minimizes downtime. Setting and upgrading of the scanner is straightforward with the utility software and flash ROM. MS320 therefore can be used very quickly after purchase.

### Main Features

- Supports most common 1D barcodes and the 2D barcode PDF417
- Robust design withstanding 1.5m drops to concrete floor
- Anti-scud material
- Optional hands free stand for automatic scanning
- Contact and wide reading enables reading up to 25 cm DOF and up to 12 cm wide
- Interchangeable plug-in design
- Setting the scanner via quick set-up or barcode manual through PC by scan utility software (RS232-cable required)
- Flash-ROM for easy post-purchase software upgrades via RS232 interface design
- Flexible connectivity via auto discriminating interface design

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## Specifications

### Operational & Performance

Technology	2048 pixel CCD
Light Source	Red LED
Indicator	Green LED
Resolution	0.1 mm Code 39, PCS 90%
Dept of field	0 - 300 mm
Width of field	150 mm
Print Contrast	30% >
Scan rate	300 scans/sec
View Angle	60° (front), 60° (rear), 75° (Yaw)
Decode Capability	1D/ GS1 Databar / PDF 417

### Connectivity

Keyboard wedge, RS232, USB

### Mechanical

Scanner dimension	187mm x 101 mm x 78mm
Scanner weight	187g

### Environmental

Operating temperature	0°C to 45°C
Storage temperature	-40°C to 60°C
Humidity	0% - 90% relative humidity non-condensing
Drop test to Concrete	1.5 meter

### Software support

Configuration manager

### Accessories

Keyboard wedge cable  
RS232 cable  
HID-USB cable  
Handsfree stand  
Universal power adapter for RS232 cable

### Warranty

3 years

### Regulatory approvals

UL, FCC, CLASS A, CE CLASS A, BSMI

### Unitech Europe

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