

# unitech

# MS350 Cordless Scanner



## **MS350 Cordless Scanner Big Performance, Small Size!**

One of the smallest and lightest high performance wireless linear imager scanners on the market, the MS350 is an extremely compact, lightweight, all-round robust device able to read 1D and 2D barcodes. Offering aggressive reading and decoding speeds, and a radio range up to 100m (Class I) from the base unit, the MS350 delivers the ultimate combination of performance and reliability for CCD barcode scanning applications, such as retail point of sale, healthcare, commercial and light industrial.

## **Premium Performance**

The MS350's flexibility does not stop at its ability to scan a both 1D and 2D barcodes. With a long range scan engine and an increased depth of field, the MS350 boasts an impressive read rate of 300 scans per second, and can scan codes up to 10cm away. With no moving internal parts, its engine provides excellent reliability and performance, even when being dropped.

## **Never Miss a Scan**

To give the ultimate piece of mind for users, the MS350 has an out of range alarm, adjustable good read audible indicators and a visible good read LED users can always be sure that barcodes are correctly captured first time, every time, even in noisy or poorly lit environments. Users will achieve an impressive 15,000 scans from a single charge. Benefit from its wireless technology connection, users will enjoy the freedom to roam wherever there is a need for scanning, by simply pairing with the base-station

## **Rugged and Reliable**

Weighing in at just 180g, the MS350 is one of the lightest scanners in its class. Combined with a sleek, ergonomic design, the MS350 offers light and fatigue-free scanning, enhancing user comfort and work efficiency. It is designed to be durable and reliable: if the MS350 is accidentally dropped or knocked off a counter or desk, you can be assured it will keep on working perfectly as its drop test is up to 1.5m drops to concrete and comes with an IP42 protection rating. The MS350 delivers maximum reliability.

## **Quick and Easy to Set Up**

Configuring the MS350 is easy: simply use Windows based software or scan a series of barcodes and you'll be up and running in no time. It also has a range of connectivity options, for flexible deployment in any environment, including USB, RS232 and keyboard wedge.

## **Features**

- High performance Bluetooth Compatible Linear Imager Scanner
- Reads all common 1D and 2D barcodes
- Ergonomic, compact and stylish
- Rugged design (IP42) withstands multiple 1.5m drops to concrete
- Weighs less than 200g making it lightweight and comfortable to use
- Easy set up via USB and using Windows based software or barcodes
- Base unit supports RS232, keyboard wedge and USB
- Safety out of range alarm
- 3 years warranty

# MS350

## Specifications

### OPERATIONAL

Light Source	630 nm Visible Red LED
Optical System	2048 pixel CCD (Charge-coupled device)
Depth of Scan Field	0~270mm (CODE 39, PSC=90%, 20mil) 0~180mm for 13mil 0~60mm for 5mil 5mm~50mm for 4mil
Scan Speed	300 scans/sec
Resolution	0.1mm (4mil) Code39, PCS=90%
Print Contrast	30% or more
Scanning Angle	Front: 60° Rear: 60° Yaw: 70°
Radio Range	100m (Class I)
Decode Capability	Auto-discriminates all standard barcodes and some 2D symbologies including PDF-417 and RSS code; Other symbologies can be ordered optionally

### MECHANICAL

Length	187 mm
Width-handle	35 mm
Width-head	75 mm
Depth-handle	33 mm
Weight	Less than 200g (with a battery)
Cradle interface	RS232, Keyboard wedge, USB

### ELECTRICAL

Power Supply	Input voltage 5VDC $\pm$ 10%VDC
Operating Current	120mA @ 5VDC
Standby Current	120mA @ 5VDC
Power Operating	1073mW
Power Standby	118mW
Light Level	Up to 45000 Lux

### PROGRAMMING

Programming method	Manual (Reading special barcode)
Program upgrade	Enabled by built-in flash memory
Programmable	

### ENVIRONMENTAL

Operating temperature	0°C to 45°C (32°F to 113°F)
Storage temperature	-40°C to 60°C (-40°F to 140°F)
Relative humidity	5% to 90% relative humidity (non-condensing)
Drop test	1.5m drop onto concrete
IP rating	IP42
Safety approval	UL, FCC, CLASS A, CE CLASS A



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