



# MS351

Affordable, worry free wireless 1D scanning capabilities

Looking for an affordable solution for 1D wireless scanning? The MS351 is designed to remove restrictions!

#### Reliable allrounder

Our affordable MS351 fits into many environments, whether it is retail, warehousing or manufacturing. There is no need to worry about missing a barcode reading as this Unitech scanner provides additional vibration feedback. A great feature beside the standard LED and beeper indicator - pretty ideal when working in a noisy environment.

The MS351 enables you to remove wired restrictions in your working environment. Moreover, its interface is also suitable for different applications, making this a widely applicable product to use.

#### Robust and powerful

The MS351 is not only widely applicable thanks to its software versatility, it is also suitable for rough environments thanks to its impressive drop resistance. It has an IP52 rating, safeguarding it from moisture and dust.

Successful scanning can be achieved by its long reading distance. This scanner is capable to read barcodes under high ambient light environments. The MS351 makes barcode reading in busy working environments easy and allows users to be assured that they have captured each and every barcode.

#### Connectivity and durability

The sturdy materials, reading performance combined with a 2600 mAh LI-ION battery and a durable trigger makes the MS351 an incredible value-for-money option for many environments. Reading long 1D barcodes used for utility bills, packaging or even document processing, you can rely on the MS351.

Its Bluetooth connectivity and wide host range (30 meters), provide high transmission speed and freedom of movement.

#### Features

- 1D Laser engine
- Large 2600 mAh Li-ION battery
- LED, beeper and vibration indicator
- Connectivity with Dual Band BLE 4.2
- Durable construction with protection bumpers
- Comprehensive 4-year, worry-free warranty

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# v1 MS351 Specifications

## Operational & Performance

Technology	1D Laser engine
Light Source	Visible Laser Diode 650nm
Decoding rate	200 scans/sec
Scan angle	Skew 60°, Pitch 65°, Roll 42°
Minimum resolution	3 mil
Printing contrast	20% min. reflection difference
Programming Method	Manual (reading special barcode)
Program Upgrade	Using Flash Utility software, while a cradle unit is required.

## Reading distance (DOF)

3 mil Code39 (3 chars)	20 mm – 70 mm
5 mil Code39 (3 chars)	0 mm – 120 mm
10 mil Code39 (3 chars)	0 mm – 280 mm
13 mil UPC (6 chars)	0 mm – 350 mm
20 mil Code39 (3 chars)	25 mm – 480 mm
30 mil Code39 (2 chars)	15 mm – 650 mm

## Symbologies

1D	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants
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## Indicator

Scanner	LED, Beeper, Vibrator
Cradle	LED

## Power Source

Operating voltage	5 ± 0.25 VDC (Scanner/Cradle)
Battery	2600 mAh Lithium-ion battery
Current scanner	Working: 150 mA / Standby: 4mA
Current cradle	Working: 60 mA
Charge Time	6 hours
Standby Time	7 days
Operating Time	36 hours (1 scan per 5 seconds)

## Enclosure

Scanner dimension	90.2 x 70 x 180 mm
Cradle dimension	118 x 89.5 x 74 mm
Scanner weight	207 g (Scanner only)
Cradle weight	140 g

## Environmental

Operating temperature	0°C to 50°C
Storage temperature	-40°C to 60°C
Humidity	5%-95% non-condensing
Drop resistance	1.5 m
IP rate	IP51

## Cable Cradle

Straight 2.0 m (PS/2) / Straight 1.5 m (USB) / Straight 2.0 m (RS-232)

## Communication

Radio Frequency	2.4-2.5 GHz,
Range	Bluetooth 4.2, Class 2 Range 30 meters (open air)

## Safety

Laser safety:	EN 60825 1 Class 1
EMC:	EN55032, EN 55024
Electrical Safety:	EN60950 1

## Warranty

Scanner/cradle	4-year limited warranty
Battery	3 months

### Unitech Europe

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Zapraszamy do kontaktu!  
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\* Warranty: Unitech reserves the right to call back the defect units at her discrete sole decision if Unitech may find it necessarily. Upon the calling, the returning shipping cost will be borne by Unitech except tax and duty if any. Unitech has full decision to stop the warranty coverage before expiration if the defect is found due to abused, sabotage, and/or caused by the acts of God Specifications subject to change without notice.