



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. |

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 |
| | Charging: max. 500 mA |
| Charge Time | 6 hours |
| Standby Time | 7 days |
| Operating Time | 36 hours (1 scan per 5 seconds) |

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 |

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 |

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 |
|----|--|

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, Bluetooth 4.2, Class 2 Range |
| Range | 30 meters (open air) |

Indicator

| | |
|---------|-----------------------|
| Scanner | LED, Beeper, Vibrator |
| Cradle | LED |

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 |

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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.

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