



2D imager with adjustable stand

Mounted on the wall, placed on a desk or adjusted angle with fixed position for hands-free scanning.



MS339

Affordable rugged 2D imager

The Unitech MS339 is designed to meet barcode scanning needs at an affordable price.

Supporting all common 1D and 2D barcodes, this high performance scanner is able to read poorly printed barcodes, reads damaged labels and reads digital barcodes from mobile displays (including QR codes) from various types of displays to enhance service levels.

The soft white auxiliary lighting and green aimer deliver comfortable and convenient scanning experience. The stylish and ergonomic design makes the MS339 fit comfortably in any hand, reducing fatigue during long-time scanning tasks.

The MS339 comes all-in-one package including 5 years warranty!

The MS339 is a great fit for a variety of retail and business environments. Its easy plug-and-play set up ensures an easy introduction into your unique workflow.

Features

- The MS339 comes with coiled 2.4m USB-cable, hands-free stand and 5 years direct replacement warranty.
- Snappy performance
- Adjustable stand design - Desk mount, wall mount or adjustable hands-free scanning position.
- Supports USB/HID, USB/SPP, RS232 and OPOS
- Reads poorly printed barcode and from mobile screens
- Ergonomic design and comfortable grip
- Supports Trigger and Auto-sensing mode
- Durable design: 2.0 Meter drop test and IP52-rated



v1 MS339 Specifications

Operational & Performance

| | |
|------------------|---|
| Receiving Device | Imager sensor, 1280 x 800 pixels |
| Scan Skew | ± 70° |
| Scan Pitch | ± 75° |
| Scan Roll | 360° |
| Immunity: | 100.000 lux |
| Light Source | Illumination: 5000K, white LED. Aiming: 525 nm peak wavelength, green LED. |
| Field of view | Horizontal 41° / Vertical 28° |
| Indicator | Beep, LED |
| Interface | USB/HID, USB/SPP, RS232 and OPOS* (additional software driver needed) |

Reading distance (DOF)

Depth of Field*

1D: 0mm to 340mm

| | |
|---------------------------|----------|
| 5mil Code39 (3 chars): | 5 - 115 |
| 10mil Code39 (3 chars): | 0 - 250 |
| 13mil UPC (6 chars): | 15 - 340 |
| 20mil Code39 (5 chars): | 15 - 340 |
| 6.7mil PDF417 (20 chars): | 10 - 100 |
| 10mil QR (20 chars): | 0 - 155 |
| 10mil DM (20 chars): | 0 - 160 |
| 20mil QR (20 chars): | 0 - 270 |

2D: 0mm to 340m

* = depends on width of barcode

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 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, Telepen, GS1 DataBar (formerly RSS) variants.

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Unitech Taiwan

* 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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2D:

PDF417, QR Code, Data Matrix, Han Xin, Code, Aztec Code, MicroQR Code, MicroPDF417.

Power Source

| | |
|--------------------|-------------------------------------|
| Operation Voltage | 5 VDC ± 0.25 V |
| Power consumption: | Standby: 1600 mA Working: 300 mA |

Material

| | |
|-----------------------|----------------|
| Case material: | PC + TPU |
| Exit window material: | Tempered glass |

Enclosure

| | |
|-------------------|-----------------------|
| Scanner dimension | 90mm x 62.8mm x 153mm |
| Scanner weight | 132g (without cable) |
| Cable | 2.4m coiled cable |

Environmental

| | |
|-----------------------|---|
| Mechanical Shock | Withstands multiple 2.0m drops to concrete. |
| IP Rating | IP52 |
| Operating Temperature | -10°C to 50°C |
| Storage Temperature | -20°C to 70°C |
| Relative Humidity | 5% to 90% non-condensing |

Operation modes

Trigger, auto-sensing

Connectivity

USB cable

Safety & EMC

| | |
|-------------------------|----------------------|
| Photobiological Safety: | EN62471 |
| EMC: | EN55032 |
| ESD Protection: | EN61000-4-2 |
| RF Immunity: | IEC61000-4-3, 10 V/m |

Regulator approvals

CE, FCC

Warranty

5 Years scanner only*
 1 Year USB cable

unitech
because we care