



SM600

SM600

SM600



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- ??????????
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-
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180°
host
20KV

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SM600U

PHYSICAL

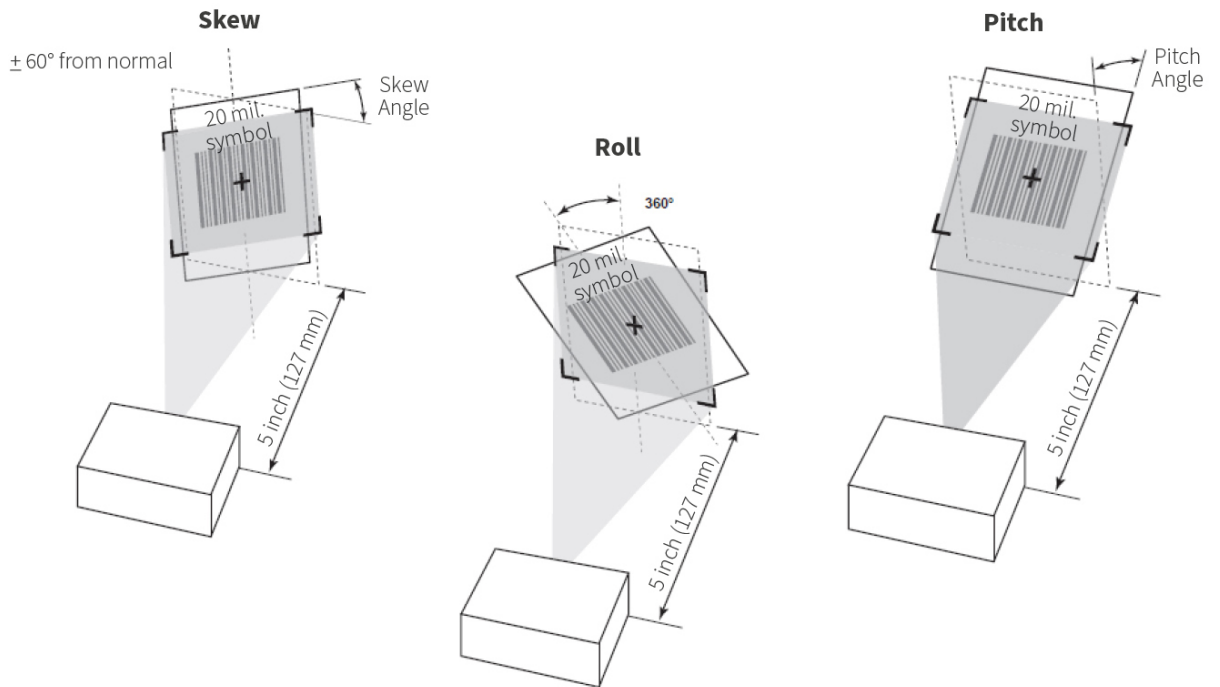
| | |
|------------------------|---------------------------------|
| Body weight | Approx. 315 g |
| Material | ABS plastic |
| Dimension | 97,89 W x 74,90 D x 137,94 H mm |
| Color available | Black |

PERFORMANCE

| | |
|---------------------|---|
| Light source | Visible White LED |
| Reading area | Horizontal -55°, Vertical -35° |
| Resolution | 1280 (H) x 800 (V) pixels 3.0 mil (Code 39), 8 mil (QR Code) |
| Scan speed | 60 fps (frame per second) |
| Pitch | ±60°(from front to back) |
| Skew | ±60°(from plane parallel to symbol (side- to-side) |
| Roll | 360° |

Indicators

Beep and LED (Standby Orange, Good read Blu)
A trigger button can enable / disable aimer for aiming reading



ELECTRICAL

| | |
|-------------------------|--------------------|
| Interface | USB, USB HID, VCOM |
| Supply voltage | USB Power |
| Stand-by (Typ.) | 90 mA |
| Operation (Typ.) | 310 mA |

ENVIRONMENTAL

SM600U

| | |
|--------------------------|----------------------------------|
| Operating temp. | 0°C to 50°C (32°F to 122°F) |
| Storage temp. | -20°C to 70°C (-4°F to 158°F) |
| Relative humidity | 20% to 95% (Non-condensing) |
| Ambient light | 100,000 Lux Max. (Sunlight) |
| Sealing | IP42 (dust and water protection) |

RELIABILITY

| | |
|---------------------------|---|
| MTBF | 50.000 hours |
| Test High Temp. | 70°C, 48 hours |
| Test Low Temp. | -20°C, 48 hours |
| Cable bending test | 25,000 times minimum (30 times/min @ 500 g/90°) |
| Drop resistance | 47.24 inches (120 cm) drop on concrete surface |

SUPPORTED BARCODES

1D Symbologies

UPC-A, UPC-E, EAN-8/JAN-8, EAN-13/JAN-13, Code 39, Code 128, Interleaved 25, Industrial 25, Matrix 25, Codabar/NW7, Code 93, China Post, MSI/Plessey, Telepen, GS1 Databar Omni-directional, GS1 Databar Limited, GS1 Databar Expanded

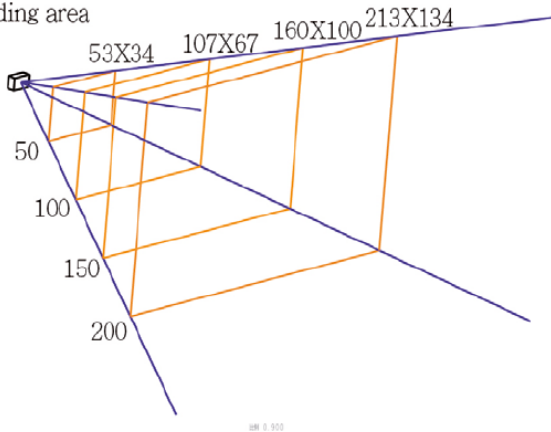
2D Symbologies

Data Matrix, PDF 417, QR Code, Micro PDF 417, Micro QR Code, Aztec, Dotcode, Maxi Code, Han Xin Code

READING RANGE

Barcode mil/Depth of field mm

Reading area



| | |
|--------------------------|-----------|
| 3mil Code39 | 40~60 mm |
| 4mil Code39 | 35~85 mm |
| 5mil Code39 | 35~95 mm |
| 10mil Code39 | 25~150 mm |
| 20mil Code39 | 20~200 mm |
| 20mil QR Code | 20~120 mm |
| 20mil PDF417 | 20~90 mm |
| 20mil Data Matrix | 20~160 mm |

Note: The test is under ambient light 700 ~ 800 Lux.

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CUSTOM



995ED044100333

SCANMATIC PRES BARCODE 1D/2D

SM600U US

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