



## SM600

### Desktop presentation barcode scanner

SM600 is a compact and omni-directional Imaging Presentation Scanner. Its revolutionary imaging technology is housed in an elegant, stylish, yet durable design. The compact size and small footprint makes it the ideal solution for space-constrained environments. With SM600, you get the versatility to scan 1D or 2D barcode, starting from the labels, passing through the reading on display of: coupons, gift cards, loyalty cards, boarding passes and even theaters or cinema tickets. SM600 guarantees intuitive and fast reading performance thanks to point-and-shoot scanning simplicity which no need to align barcode and scanner.



#### CHARACTERISTICS

- **Scans most 1D and 2D barcodes** on paper, mobile phones and computer displays
- With the most compact size and small foot-print **can fit in constrained areas**
- **Support hands-free and handheld scan**
- Multi-code mode allows **simultaneous scanning of a group of barcodes**
- **Scanner head can be forward and backward adjusted in a total 180° range** to accommodate to your application
- **Available configuration tool and data formatting functionality** eliminating the need for host system modifications
- Both contact and air 20KV Electro-Static discharge
- **Lightweight and ergonomic design**
- **Side touch power button**

## TECHNICAL SHEET

**SM600U**

### PHYSICAL

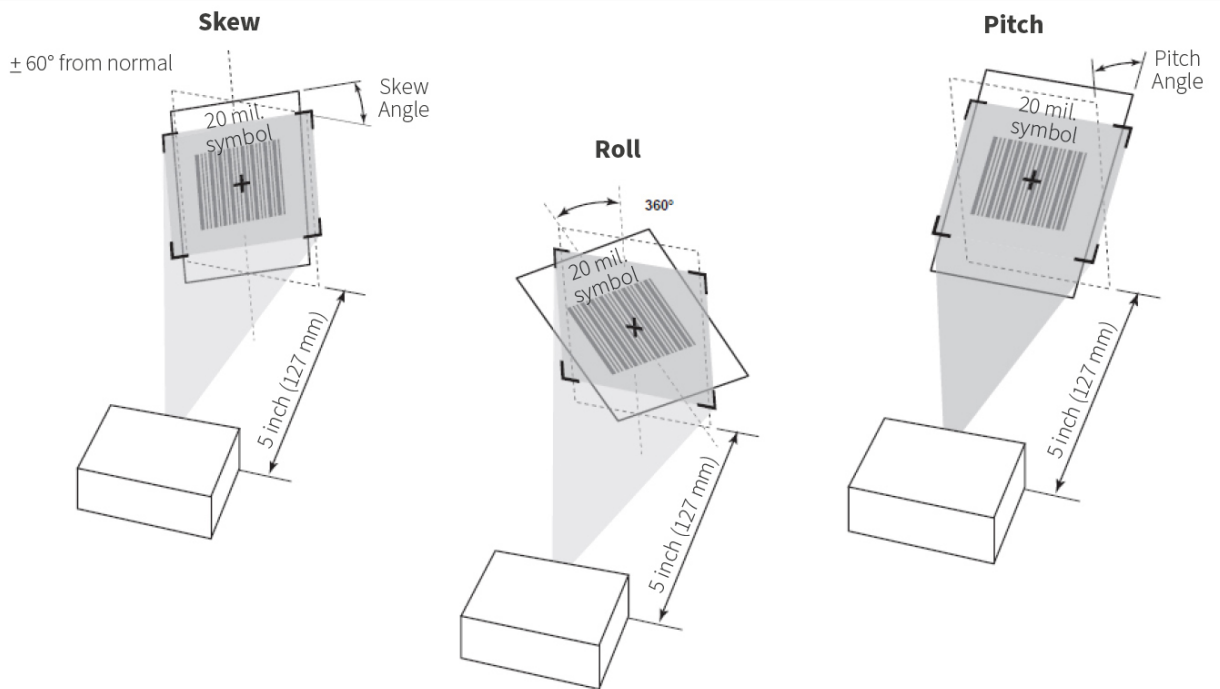
|                        |                                 |
|------------------------|---------------------------------|
| <b>Body weight</b>     | Approx. 315 g                   |
| <b>Material</b>        | ABS plastic                     |
| <b>Dimension</b>       | 97,89 W x 74,90 D x 137,94 H mm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

### PERFORMANCE

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

### Indicators

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



### ELECTRICAL

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

### ENVIRONMENTAL

## SM600U

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

## RELIABILITY

|                           |   |
|---------------------------|---|
| <b>MTBF</b>               | 50.000 hours                                    |
| <b>Test High Temp.</b>    | 70°C, 48 hours                                  |
| <b>Test Low Temp.</b>     | -20°C, 48 hours                                 |
| <b>Cable bending test</b> | 25,000 times minimum (30 times/min @ 500 g/90°) |
| <b>Drop resistance</b>    | 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

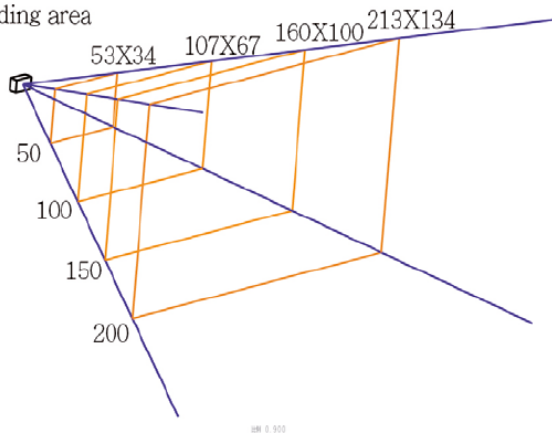
### 2D Symbologies

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



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

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



Current Components Inc  
203A East Main Street  
Middletown MD 21769

Current Components Inc  
277 Palmer Road  
Unit 4A  
Ware MA 01082

# CUSTOM



**995ED044100333**

SCANMATIC PRES BARCODE 1D/2D

SM600U US

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Via I. Newton, 4 - 43010 Fontevivo PR - VAT: IT02498250345 - TEL: +39 0521 680111 - FAX: - UNIQUE CODE: 8RQN7AZ

The technical data on this website are not binding and may be changed without advanced notice.

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Current Components Inc  
203A East Main Street  
Middletown MD 21769

Current Components Inc  
277 Palmer Road  
Unit 4A  
Ware MA 01082

[www.curcomp.com](http://www.curcomp.com)

1-800-342-9798

[sales@curcomp.com](mailto:sales@curcomp.com)