



## 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.



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- **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**

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## SM600U

### PHYSICAL

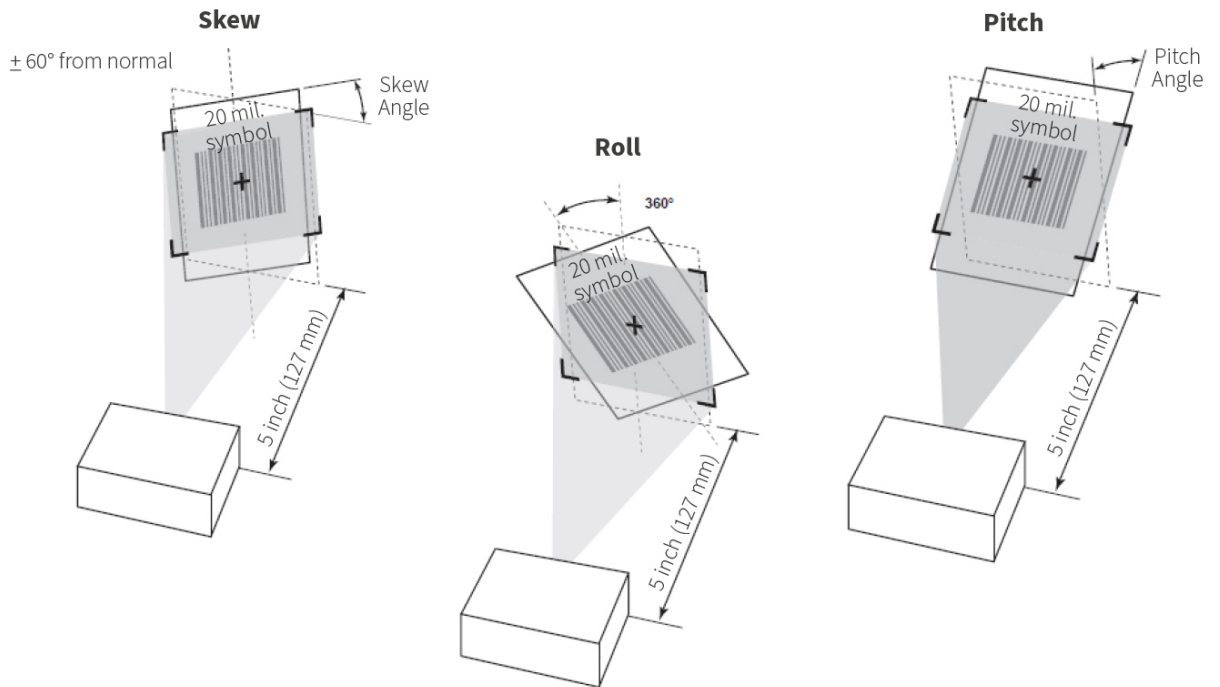
<b>Body weight</b>	Approx. 315 g
<b>Material</b>	ABS plastic
<b>Dimension</b>	97,89 W x 74,90 D x 137,94 H mm
<b>Color available</b>	Black

### 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 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

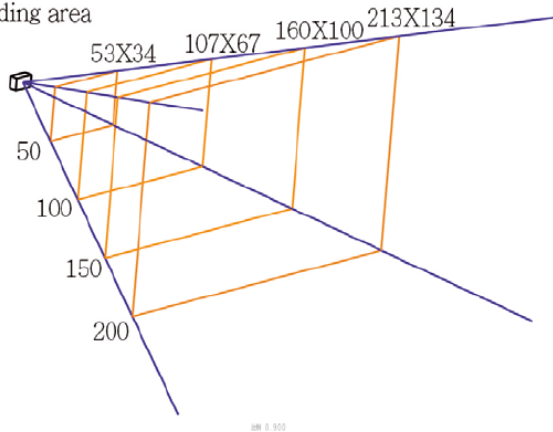
### 2D Symbologies

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.

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