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 passess 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**
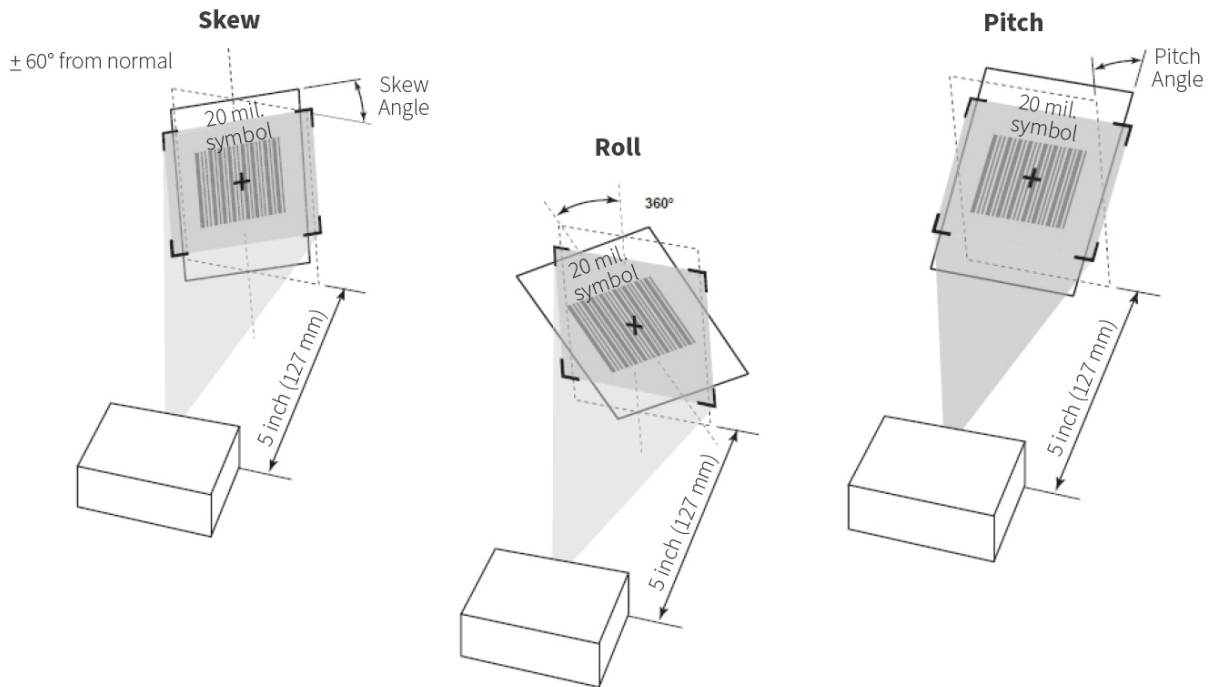- **Side touch power button**

TECHNICAL SHEET

SM600U

PHYSICAL

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

Skew

± 60° from normal
Skew Angle
20 mil. symbol
5 inch (127 mm)

Roll

360°
20 mil. symbol
5 inch (127 mm)

Pitch

Pitch Angle
20 mil. symbol
5 inch (127 mm)

ELECTRICAL

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

ENVIRONMENTAL

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

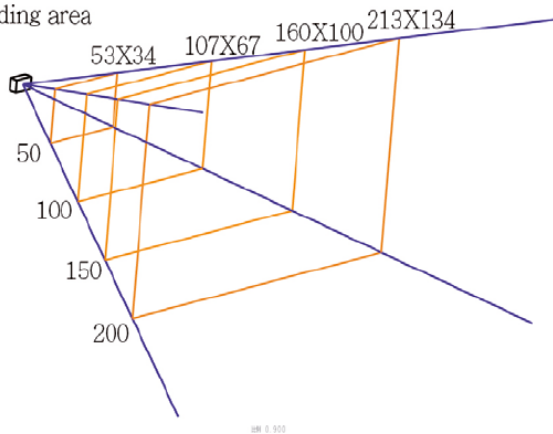| 1D Symbologies	UPC-A, UPC-E, EAN-8/JAN-8, EAN-13/JAN-13, Code 39, Code 128, Interleaved 25, Industrial 25, Matrix 25, Codabar/NW7, Code 93, China Post, MSI/Plessey, Telepen, GS1 Databar Omni-directional, GS1 Databar Limited, GS1 Databar Expended
2D Symbologies	Data Matrix, PDF 417, QR Code, Micro PDF 417, Micro QR Code, Aztec, Dotcode, Maxi Code, Han Xin Code

READING RANGE

Barcode mil/Depth of field mm

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	
20mil Data Matrix	20~90 mm
	20~160 mm

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

MODELS

995ED044000333
SM600U PRESENTATION
BARCODE SCANNER 1D/2D

995ED044100333
SCANMATIC PRES BARCODE
1D/2D SM600U US

Via Berettine, 2 - 43010 Fontevivo PR - VAT: IT02498250345 - TEL: +39 0521 680111 - FAX: +39 0521 610701 - UNIQUE CODE: 8RQN7AZ

The technical data on this website are not binding and may be changed without advanced notice.
Last update: 27 October 2022