



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.

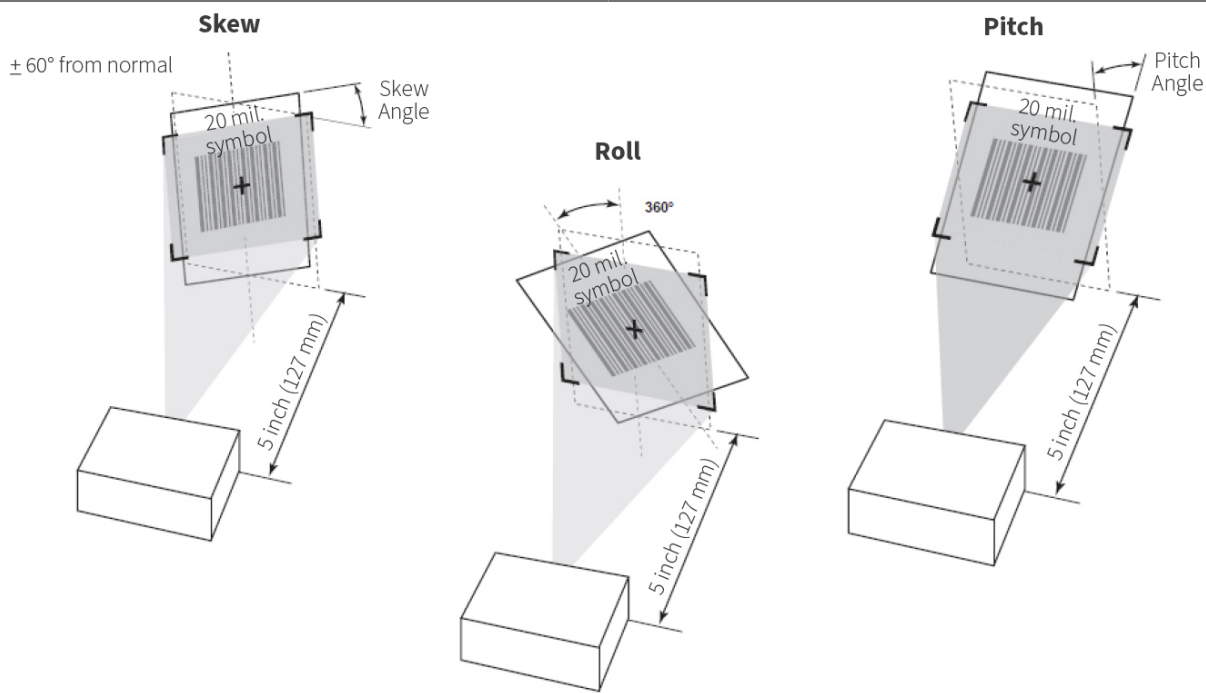


CHARACTERISTICS

- **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



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

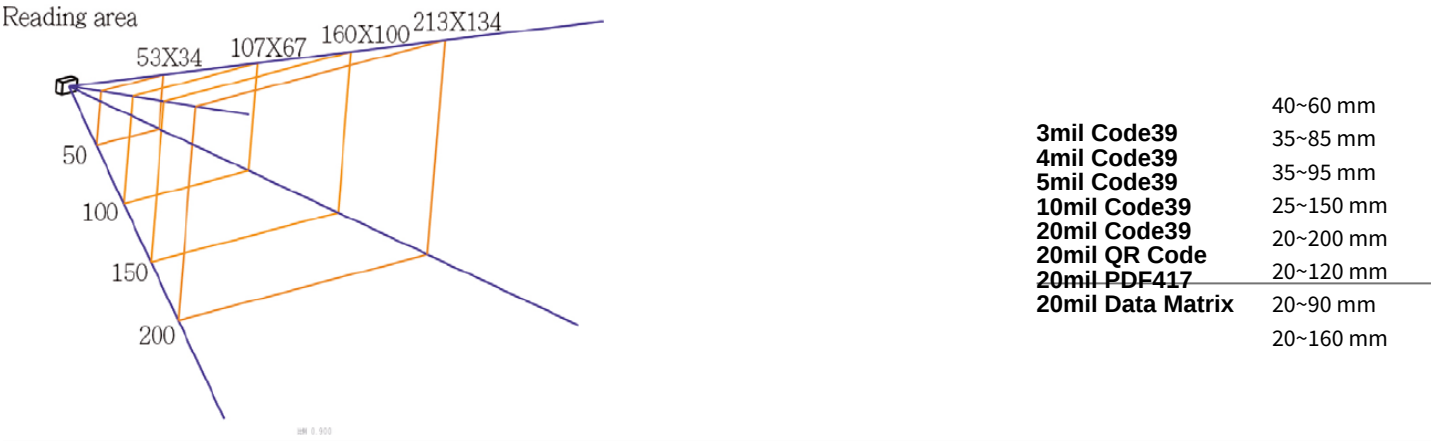
MTBF	50.000 hours
Test High Temp.	70°C, 48 hours
Test Low Temp.	-20°C, 48 hours
Cable bending test	25,000 times minimum (30 times/min @ 500 g/90°)
Drop resistance	47.24 inches (120 cm) drop on concrete surface

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



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

MODELS



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: 12 March 2025