



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.

SM600 SPECIFICATIONS

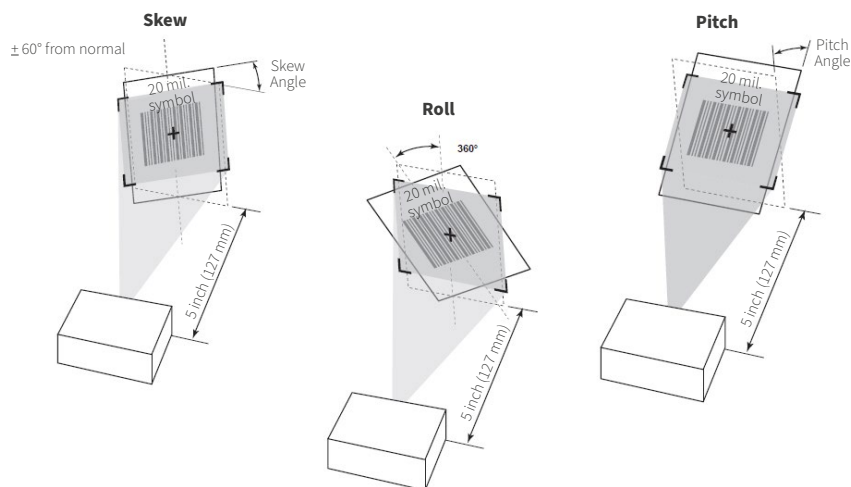
SM600U

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 Blue) A trigger button can enable / disable aimer for aiming reading |



Note: DOF may vary depending on environment condition and barcode quality.

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) |

SM600 SPECIFICATIONS

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RELIABILITY

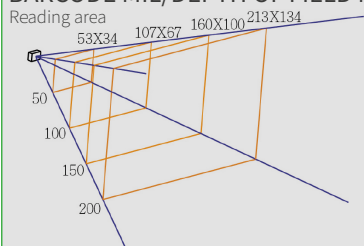
| | |
|--------------------|--|
| MTBF | 50,000 hours |
| TEST HIGH TEMP. | 70°C, 48 hours |
| TEST LOW TEMP. | -20°C, 48 hours |
| CABLE BENDING TEST | 25,000 times minimum (30 times/min @ 500g/90°) |
| DROP RESISTANCE | 47.24 inches (120 cm) drop on concrete surface |

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.

| | |
|-------------------|-------------|
| 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 |

FEATURES

- **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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