



MS6720 is an omnidirectional hand-held and fixed projection scanner. It incorporates a 20-line scan pattern into a comfortable, ergonomic design.

MS6720

Features

- **Combination hand-held and fixed projection scanner**
- **Fully automatic scanning operation**
- **Stationary or adjustable stand available**
- **Superior ergonomics**
- **Concentrated omnidirectional scan pattern**
- **Programmable depth of field**
- **Easy programming using Windows® software or bar codes**

shown with optional stand



Metrologic's MS6720 is the first laser bar code scanner to have bridged the gap between omnidirectional fixed projection and hand-held scanners. It incorporates fixed projection performance and a patented 20-line scan pattern into the comfortable, ergonomic styling of a hand-held. With this design, Metrologic has engineered a scanner that transcends any other on the market today.

The MS6720 utilizes a unique, patented infrared sensor and control scheme for hands-free projection scanning and fatigue reduced hand-held operation. Whether operators choose to present small items to the scanner or transport the lightweight scanner to bulkier items, the MS6720 is

the perfect choice for a large variety applications. The MS6720 scanner is available with either a stationary or adjustable stand. The stationary stand is ideal for applications where the MS6720 is being used mostly as a hand-held scanner. This stand was designed for ease of use while still providing sufficient room for fixed presentation. The adjustable stand provides 7 rotational and 9 tilting positions as well as a removable wall mount cup.

The MS6720 features both short-range and long-range activation, user-friendly programming, reliability and versatility. Operators are sure to appreciate the convenience and flexibility of the MS6720.



MS6720

OPERATIONAL

| | |
|------------------------------------|--|
| Light Source | Visible Laser Diode 650 nm \pm 10 nm |
| Laser Power | 0.681 mW (peak) |
| Depth of Scan Field (programmable) | 0 mm - 203 mm (0" - 8") for 0.33 mm (13 mil) bar code at default setting |
| Width of Scan Field | 50.8 mm (2") @ face; 178 mm (7") @ 203 mm (8") |
| Scan Speed | 1000 scan lines per second |
| Scan Pattern | 5 fields of 4 parallel lines (omnidirectional) |
| Number of Scan Lines | 20 |
| Minimum Bar Width | 0.145 mm (5.7 mil) |
| Decode Capability | Autodiscriminates all standard bar codes, including RSS; for other symbologies call Metrologic |
| System Interfaces | PC Keyboard Wedge, RS232, OCIA, Light Pen Emulation, IBM 468x/469x, USB (low speed and full speed), Stand Alone Keyboard |
| Print Contrast | 35% minimum reflectance difference |
| Number Characters Read | Up to 80 data characters |
| Roll, Pitch, Yaw | 360°, 60°, 60° |
| Beeper Operation | 3 tones or no beep |
| Indicators (LED) | Red = laser on, ready to scan Green = good read |

MECHANICAL

| | |
|--------------------|--|
| Height | 219 mm (8.6") |
| Depth-Handle | 28 mm (1.1") |
| Depth-Head | 75 mm (2.9") |
| Width-Handle | 48 mm (1.9") |
| Width-Head | 77 mm (3.0") |
| Footprint On Stand | 100 mm x 135 mm (3.9" x 5.3") |
| Weight | 380 g (13.4 oz) |
| Termination | 10 pin modular, RJ45 connector |
| Cable | Standard 2.1 m (7') straight; optional 2.7 m (9') coiled; for other cables call Metrologic |

ELECTRICAL

| | |
|-------------------|--|
| Input Voltage | 5 VDC \pm 0.25 V |
| Power | 1.1 W @ 5V |
| Operating Current | 220 mA @ 5V |
| DC Transformers | Class 2; 5 VDC @ 300 mA |
| Laser Class | IEC 60825-1:1993+A1:1997+A2:2001 Class 1 |
| EMC | FCC, ICES-003 & EN55022 Class B |

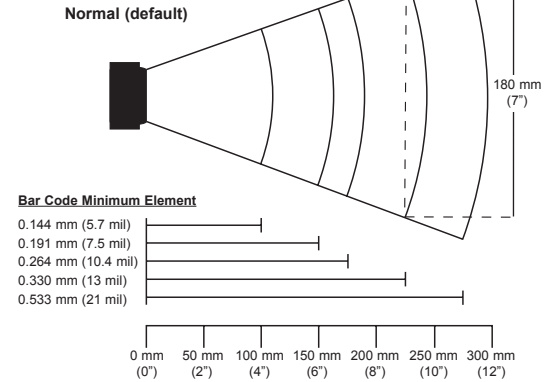
ENVIRONMENTAL

| | |
|-----------------------|--|
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -40°C to 60°C (-40°F to 140°F) |
| Humidity | 5% to 95% relative humidity, non-condensing |
| Light Levels | Up to 4842 Lux (450 footcandles) |
| Shock | Designed to withstand 1 m (3.1') drops |
| Contaminants | Sealed to resist airborne particulate contaminants |
| Ventilation | None required |

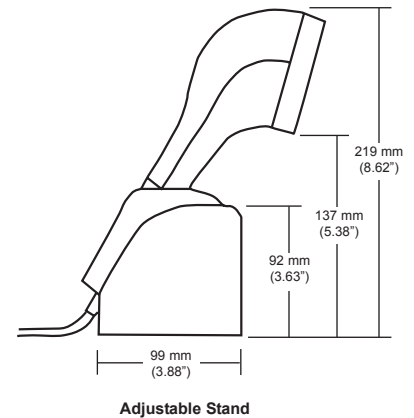
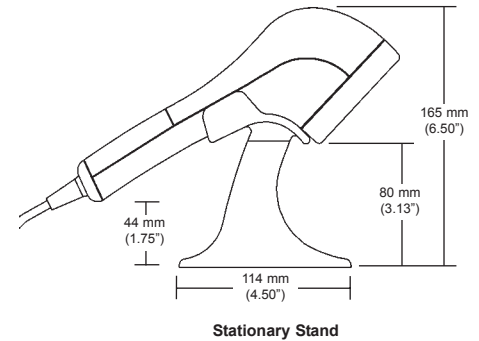
MS6720 is available in the following colors



Scan Area



Dimensions



www.metrologic.com



call: 561-582-5510 email: info@cashregisterservices.net

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