(shown with optional flex-stand)

# Metrologic®

**MS7220 Argus***SCAN*® is an on-counter, hands-free bar code scanner. The omnidirectional scan pattern creates a large scan area, maximizing performance in medium-to-high throughput POS applications.

Sunrise 2005 Compliant

# MS7220 **Argus***SCAN*®

## *Features*

- **A dense, omnidirectional scan area**

- **User-replaceable, single cable interface to host**

- **RS232 auxiliary port for adding peripherals such as a hand-held scanner or receipt printer**

- **Easy to set up and configure using either a Windows-based program or bar code scanning based guide**

- **Custom edit the bar code data**

- **Programmable depth of field - set the scan area to meet the application requirements**

- **OPOS and JPOS system compatible**

**Metrologic's MS7220 Argus***SCAN* is an aggressive omnidirectional laser bar code scanner. Fully automatic scanning operation makes it ideal for retail, convenience, liquor, grocery and specialty stores. Because it is engineered with a large, high-speed scan area and a bright 650 nm laser, Argus*SCAN* boasts exceptionally high first pass read accuracy for maximum productivity.

Offering four stand configurations, the Argus*SCAN* is adaptable to a variety of applications. The modular design allows it to be mounted on a counter, in a horizontal or vertical configuration. An optional flex-stand can be added, raising the scanner an additional 76 mm (3") off the counter top. Combine this with the MS7220's program-mable depth of field, and Argus*SCAN* can be customized to meet the requirements of even the most unique scanning environment.

Multiple interfaces and data parsing make the Argus*SCAN* compatible with most cash registers right out of the box, and the RS232 auxiliary port allows for check readers, magstripe readers or bar code scanner input. Simply plug a Metrologic hand-held scanner into the auxiliary port for scanning bulky or heavy items.

The MS7220 is OPOS and JPOS compatible and with Metrologic's PowerLink user replaceable cables, users can quickly replace cables if they become damaged.
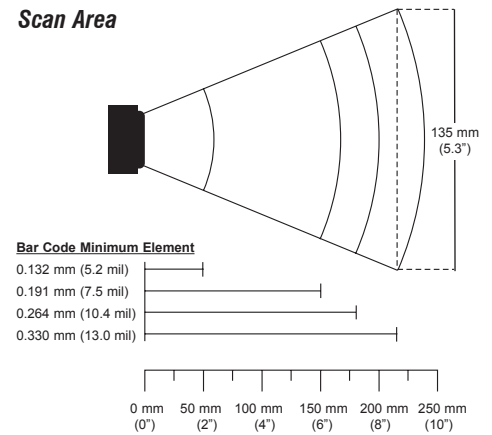




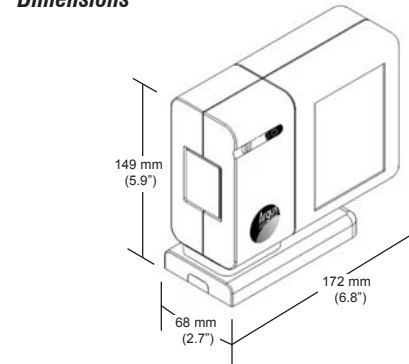**modular mounting with four stand configurations**

# MS7220 ArgusSCAN®

## OPERATIONAL

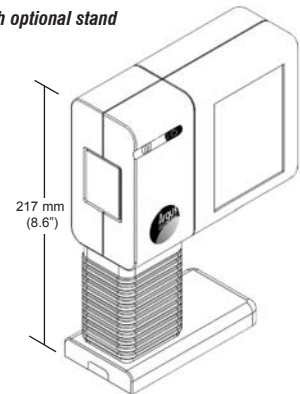| | |
|---|---|
| Light Source | Visible Laser Diode 650 nm $\pm$ 10 nm |
| Laser Power | 0.678 mW (peak) |
| Depth of Scan Field | 0 mm - 215 mm (0" - 8.5") for 0.33 mm (13 mil) bar code |
| Width of Scan Field | 38 mm (1.5") @ 40 mm (1.6") ; 135 mm (5.3") @ 215 mm (8.5") |
| Scan Speed | 2000 scan lines per second |
| Scan Pattern | 5 fields of 4 parallel lines (omnidirectional) |
| Number of Scan Lines | 20 |
| Minimum Bar Width | 0.13 mm (5.2 mil) |
| Decode Capability | Autodiscriminates all standard bar codes; for other symbologies call Metrologic |
| System Interfaces | PC Keyboard Wedge, RS232, OCIA, Light Pen Emulation, IBM 468x/469x, Stand Alone PC Keyboard, USB (low speed and full speed) |
| Print Contrast | 35% minimum reflectance difference |
| Number Characters Read | Up to 80 data characters |
| Roll, Pitch, Yaw | 360°, 60°, 60° |
| Beeper Operation | 7 tones or no beep |
| Indicators (LED) | Green = laser on, ready to scan; Red = good read, decoding |

## MECHANICAL

| | |
|---|---|
| Dimensions | 149 mm H x 68 mm D x 172 mm W (5.9" H x 2.7" D x 6.8" W) |
| Footprint On Stand | 127 mm x 68 mm (5.0" x 2.7") or 93 mm x 68 mm (3.5" x 2.7") |
| Weight | 0.91 kg (2 lbs) |
| Termination | Four 10-pin modular RJ45 |
| Cable | Standard 2.1 m (7') straight; optional 2.7 m (9') coiled; for other cables call Metrologic |
| Mount (optional) | Fully adjustable |

## ELECTRICAL

| | |
|---|---|
| Input Voltage | 5.2 VDC $\pm$ 0.25 V |
| Power | 1.9 W |
| Operating Current | 360 mA |
| DC Transformers | Class II; 5.2 VDC @ 1 A |
| Laser Class | CDRH: Class IIa; EN60825-1:1994/A11:1996 Class 1 |
| EMC | FCC, ICES-003 & EN55022 Class A |

## 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) |
| Contaminants | Sealed to resist airborne particulate contaminants |
| Ventilation | None required |

### Scan Area



Bar Code Minimum Element
0.132 mm (5.2 mil)
0.191 mm (7.5 mil)
0.264 mm (10.4 mil)
0.330 mm (13.0 mil)

0 mm (0")  50 mm (2")  100 mm (4")  150 mm (6")  200 mm (8")  250 mm (10")

### Dimensions



149 mm (5.9")
172 mm (6.8")
68 mm (2.7")

*with optional stand*



217 mm (8.6")

ArgusSCAN is available in the following colors

Pearl White    Light Grey    Black

Sample only, actual colors may vary

USB® UNIVERSAL SERIAL BUS

CE

cULus LISTED

Complies with 21 CFR Chapter 1 subchapter J. Class IIa laser product. Avoid long-term viewing of direct laser light.
LASERKLASSE 1

ISO 9001:2000

DS7220