IS220

The IS220 is a fully self-contained twin engine laser scanner ideal for reverse vending, package tracking/conveyor scanning, and other industrial applications. The rugged metal case makes the scanner suitable for harsh environmental conditions. The use of two interleaved scan patterns allows for a large area of coverage and high first pass read rate. The scanner firmware is flash upgradeable, allowing fast system updates to minimize downtime. The unit also has built in diagnostics coupled with remote monitoring capabilities. With its durable design, expanded coverage, and long list of software features, the IS220 is a perfect fit for any factory, warehouse, or shipping environment.

OPERATIONAL

Light Source(s)	2 Visible Laser Diodes 650
Laser Power	1.2 mW (peak)
Depth of Scan Field	115 mm - 190 mm (4.5"- 7.5")
Width of Scan Field	270 mm @ 115 mm (10.6" @ 4.5"); 330 mm @ 190 mm (13.0" @ 7.5")
Scan Speed	4,000 scan lines per second
Scan Pattern	2 interlocking patterns of 20 lines each
Minimum Bar Width	0.2 mm (8 mil)
Decode Capability	Auto discriminates all standard 1D bar codes
System Interfaces	RS232
Print Contrast	35% minimum reflectance difference

MECHANICAL

Weight	5 kg (11 lbs)
Mounting	2 ea. PEM, B-M5-2 mounting holes. Can be mounted in any orientation
Input Voltage	5 VDC
Power	6 W
Operating Current	1.2 A
Laser Class	CDRH & IEC: Class 2 according to IEC 60825-1:1993+A1:1997+A2:2001
EMC	FCC Class B
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
IP Rating	IP 54
Ventilation	None required

*These specifications are valid for a wide variety of conditions. Smaller bar widths, wider aspect ratios, or faster code speeds may be achieved. Please contact your Metrologic representative for a scanner evaluation sheet to determine your application and needs.

Scan Area

Dimensions
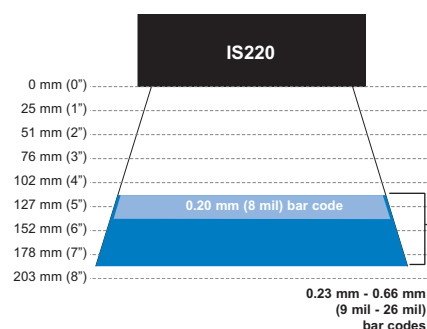

Scan Pattern

CORPORATE HEADQUARTERS
Metrologic Instruments Inc. | 90 Coles Road | Blackwood, New Jersey 08012-4683
Telephone 856-228-8100 or 1-800-ID-METRO | Fax 856-228-6673
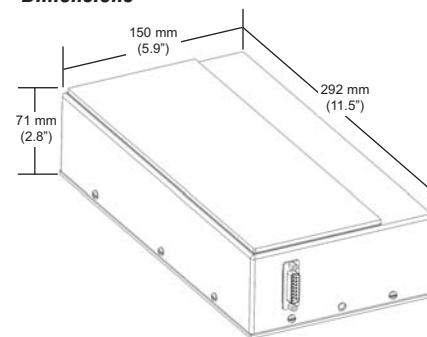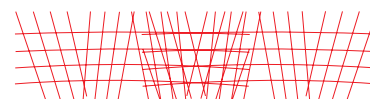
EUROPEAN HEADQUARTERS
Metrologic Instruments GmbH | Dornierstrasse 2 | 82178 Puchheim b. | Munich, Germany
Telephone +49-89-89019-0 | Fax +49-89-89019-200 | info@europe.metrologic.com

DSIS220