Intermec

Product
Profile

- **High performance omni-directional free-standing bar code scanner**

- **Full 20 line scan pattern**

- **20cm adjustable depth of field and 20cm² scan area**

- **Built-in reliability with replaceable window and 2-step sleep mode**

- **Adjustable head (+/-15°) for in creased comfort**

- **Universal interface system**

- **Low power consumption, runs from keyboard/ terminal sources**

- **Fast setup using EasySetTM software**

- **Applications include retail POS, automated healthcare, libraries, etc.**

MaxiScan™ 2220 SCANNER

Hands-Free Operation
The MaxiScanTM 2220 is a high performance and cost-efficient solution for omni-directional pass through scanning. Its design and performance enables fast hands-free scanning on a counter or desk.

Omni-Directional Scanner, Compact Design
Despite its compact dimensions (9.5 x 14.2 x 9.0cm/3.7 x 5.6 x 3.5"), the M2220 benefits from a full 20 line scan pattern, 20cm depth of field and 20cm² scan zone for easy and ergonomic scanning.

The head rotates through +/- 15° to adjust the scan area to the application. The rubber base allows secure standing.

To further 'tune' the scanner, the depth of field can be adjusted to fit the working area and avoid accidental reads.

Superior Performance
The M2220 has unique built-in reliability. The scanner window is replaceable in the field to avoid having to return scanners simply because of scratched windows. A two-step sleep mode provides a separate laser and motor timeout for power/ life saving and instant wake-up.

Flexible System Integration
A universal interface system allows connection to many hundreds of PC's, cash registers or other terminals simply by changing the cable and software setup.

In common with most Intermec scanners, the M2220 is supplied with EasySetTM set up software for the fastest on-line or off-line configuration.

General
The MaxiScan 2220 is a high performance omni-directional bar code scanner for free-standing applications

Physical Characteristics
Height: 14.2cm (5.6")
Width: 9.5cm (3.7")
Depth: 9.0cm (3.5")

Scanning Performance
Scan Pattern: 20 lines
Scan Rate: 1200 scans /s
Minimum X dimension: 0.125mm (5 mil)
Depth of field: 0 to 20 cm (8") EAN/UPC
Scan area at max depth of field: 20cm2
PCR: 25% minimum

Symbologies
UPC E,A, EAN, Code 39, Code 128, UCC EAN 128; Interleaved, Matrix, Industrial and Standard 2 of 5; Codabar, Code 93, MSI, Plessey. Others including ISBT on application

Operator Interface
Power and good read LED.
Good read beeper

Design
Processor: Custom chip (ASIC inc. DSP processor) for fast signal processing and decoding. Flash memory
Light Source: visible laser diode @ 650nm, 0.45mW max output
Laser Class 1 IEC 825 / CDRH Class IIa

Environmental Characteristics
Operating temperature:
0° to 40° C (32° to 104° F)
Storage temperature:
-25° to 60° C (-13° to 140° F)
Relative humidity: 10% to 90% non-condensing
Drop resistance: multiple drops 1m (3.2') onto concrete

Electrical Characteristics
Power requirements: +5VDC +-5%, current consumption approx. 200mA (normally powered from host terminal)

Advanced Features
Code reconstruction, 2 step sleep mode (laser and motor) for fast wake-up and high reliability, replaceable scan window, firmware updates via flash memory, programmable data format (code identification, preambles and postambles), intercharacter and intermessage delays and many others

Interfaces
All scanner heads support (by choice of cable) : Wand emulation, single or dual RS 232 C , Wyse, HP700/xx and PC AT/PS2 wedge to over 400 terminals and PCs. Extensive interface information on application

Accessories
Interface cables, spare window (one spare included as standard), external power supplies (option)

Configuration
Setup options include EasySet PC software, by direct connection & bar code printing (custom setup utility), or by conventional bar code setup manual

Regulatory Approvals
All models:
Compliant with all European Directives: CE (EN50081-1/ EN50082-1/ EN60950). TÜV-Rheinland Safety certified.
USA: FCC Part 15 Certified: Class B digital device. UL listed.
Canada: ICES-003, NMB003: Class B digital apparatus. cUL listed.
Australia – New Zealand: AS/NZS 3548 C tick marked
Other approvals pending.

DHHS Standard 21CFR 1040.10 and 1040.11 Class IIa Laser Product
IEC 825-1, EN60825-1, Class 1 Laser Product

LASER CAUTION LABEL:
**Class IIa Laser Product –
Avoid Long Term Viewing of
Direct Laser Radiation**

OPAL