

## Product Profile

- Ultra compact omni-directional fixed bar code scanner
- Full 20 line scan pattern
- 20cm (8") adjustable depth of field and 20cm<sup>2</sup> (8"²) scan area
- Built-in reliability with replaceable window and 2-step sleep mode
- Universal interface system
- Low power consumption, runs from keyboard/ terminal sources
- Fast setup using EasySet™ software to print and scan setup codes or download to flash
- Applications include retail POS, automated healthcare, libraries, access control, etc.



### MaxiScan™ 2210 SCANNER

The MaxiScan™ 2210 is an ultra compact, cost-efficient solution for omni-directional pass through scanning. Its size and performance enables fast hands-free scanning to be integrated into any retail POS station.

The scanner measures only 7.8 x 11.5 x 6.5cm (3.1 x 4.5 x 2.6") but offers a full 20 line scan pattern, 20cm (8") depth of field and 20cm<sup>2</sup> (8"²) scan zone for easy and ergonomic scanning.

A mounting kit and Velcro pad are included for simple installation onto horizontal or vertical surfaces. The M2210's shape and size allows one of the most space saving methods of scanning:—fixing the scanner to the side of the POS terminal. To further 'tune' the scanner to the POS station, the scanning depth of field can be adjusted to fit the working area and avoid accidental reads. Finally,

the scanner is supplied with a set of color profiles that can be used to customize the look of the scanner and match to other color schemes.

The M2210 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.

A universal interface system allows the scanner to be connected 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 M2210 is supplied with EasySet™ set up software for the fastest on-line or off-line configuration.

### General

The MaxiScan 2210 is a high performance omni-directional bar code scanner for fixed applications

### Physical Characteristics

**Height:** 11.5cm (4.5")  
**Width:** 7.8cm (3.1")  
**Depth:** 6.5cm (2.6")  
**Connector:** 14-pin Male 2mm pitch Molex™/Berg™

### 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:** 20cm<sup>2</sup>  
**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:** -40° to 60° C (-40° to 140° F)  
**Relative humidity:** 5% to 95% non-condensing  
**Ambient lighting:** 0-100,000 lux  
**Drop resistance:** 10 drops 1m (3.2') onto concrete. IP52 rated.

### 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

Counter/wall mount bracket (standard), velcro pad (standard), interface cables, color profiles (standard), 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/ CE174-2). 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 and 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 LABEL:

IEC825-1 (1993) – EN60825-1 (1997)  
 Class 1 Laser Product  
 Appareil Laser de Classe 1 - Laser Produkt der Klasse 1  
 US: Complies with US DHHS Standard 21 CFR Part 1040 as a: Class IIa Laser Product.

Avoid long term viewing of direct laser radiation.  
 Éviter toute exposition prolongée de la vue au rayonnement laser direct.  
 Augen vor direktem Laserlicht schützen.

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