

MaxiScan™ 2500DP

Benefits:

- **Exceptional reading performance in any direction.**
- **Smallest bi-optic scanner footprint.**
- **Unique installation flexibility.**
- **Reduced operator fatigue and discomfort.**
- **Highly reliable (MTBF: 30,000 hrs).**



Combining excellent reading performance and the smallest footprint available, the MaxiScan™ 2500DP (M2500DP) is an optimized dual plane scanning solution.

The M2500DP generates a scan pattern of 28 lines in all directions, reducing the need for product orientation. Combined with an aggressive 2,300 scan/sec scan rate and a depth of field exceeding 20 cm, it also improves speed and reduces operator fatigue.

In retail environments, counter space is critical: this is why the M2500DP has been designed with an exceptionally slim footprint (11cm deep in-counter and 22 cm wide).

It can therefore be installed in nearly all checkout systems and frees extra space for user comfort.

These characteristics make the M2500DP especially suitable for small counters such as drugstores, pharmacies, gas stations and department stores.

The M2500DP features a stainless steel sapphire top deck and a rubber suspension system. With an unequalled 30,000 hrs MTBF and a 3 year warranty, no compromise has been made on durability.

MaxiScan™ 2500DP

General

The MaxiScan™ 2500DP is a high performance bi-optic bar code scanner for retail. EAS available (optional)

Physical Characteristics

Length: 28.8 cm (11.3")

Width: 29.4 cm (11.6")

Depth: 22.0 cm (8.7")

Weight: 3.9 kg (8.60 lb)

Scanning Performance

Scan Pattern: 28 lines, 14 fields

Scan Rate: 2300 scans/s

Depth of scan field: 0 to 30 cm (12.0")

Symbologies

EAN, UPC, JAN including AddOn, Code 128, Code 39, Code 32, Codabar, Interleaved 2/5

Operator Interface

Power and good read LED.

Good read beeper.

Design

Light source: visible laser diode @ 670nm

Laser: IEC 825 Class 1/CDRH Class IIa

Environmental

Operating Temperature: 0 C° to 40° C (32° F to 104° F).

Relative humidity to 95% (non-condensing).

Electrical Characteristics

Power Supply voltage: 100-240 VAC, 50/60Hz

DC Input to scanner: +12VDC (600mA), -12VDC (25mA), +5VDC (350mA)

Interfaces

RS232C-OCIA

IBM RS485 - PC Keyboard Wedge

Regulatory Approvals

Complies with:

Laser safety IEC 825-1 (1993) Class I, U.S. 21CFR1040 Class IIa

Electrical safety EN 60950 (second edition), UL1950 (third edition), c-UL (according CSA22.2.950-95)

Radio and TV interference EN 55022 Class B (1994), FCC part 15 Class A (1992)

Radio frequency immunity 50082-1 (1992)

Harmonic current emissions EN 61000-3-2 (1995)

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