



The mi-4 Series

mi-4208 Industrial Printer



Fast, reliable 4-inch bar code printing for demanding environments.

Whether for logistics, retail supply or transportation labeling, the mi-4208 from Checkpoint offers fast through-put, rock-solid reliability, and flexibility for today's growing businesses. On a counter or in the factory, this 4-inch thermal bar code unit is a tough printer for tough jobs.

The 4208 is the perfect solution for printing custom information, such as bar code and pricing on Checkpoint RF-EAS labels.

Everything about the mi-4208 printer contributes to increased performance and productivity, from its lightweight yet durable die-cast aluminum frame to the easy-to-read LCD display. The mi-4208 is available configured as either a direct thermal printer or a thermal transfer printer. It comes with

a 32-bit/66 MHz multi-tasking micro-processor and 8 MB of DRAM that deliver 4 inch-wide labels with 203 dpi clarity at a rate of 8 inches per second – the fastest speed in its class.

The wide variety of mi-4208 printer options and accessories includes a present sensor, internal rewriter, integrated cutter options with trays, international character set support, and a flash memory expansion board. An optional micro-print server allows multiple users on various platforms to share the same printer. And the modular design makes upgrading a snap.

The mi-4208 Industrial Printer from Checkpoint. An ideal solution for today's demanding environments.

mi- 4208 Highlights:

- Thermal Direct or Thermal Transfer
- 8 ips with 4.1 inch print width and 203 dpi resolution
- 32-bit/66 MHz multi-tasking micro-processor
- 8 MB of DRAM
- Easy-to-upgrade modular design; Flash-upgradeable firmware
- Support for multiple OS environments
- Print drivers for Windows® 95 and Windows NT® included
- The 4208 is the perfect solution for printing custom information, such as bar code and pricing on Checkpoint RF-EAS labels.



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Technical Information

Imaging

Technology: Thermal Direct (Thermal Transfer option)

Microprocessor: 32-bit/66 MHz multi-tasking

Resolution: 203 dpi (8 dots/mm)

Image Width: Up to 4.09 in. (104 mm)

Image Length: 0.25 in. to 99 in. (6 mm to 2,514 mm); 0.75 in. (19 mm) minimum print length with optional present sensor

Print Speed: 2 in.-to-8 in./sec (51 mm-to-203 mm/sec)

Print Media Handling

Media Path: Left justified

Media Width: 1 in. to 4.65 in. (25.4 mm to 118 mm)

Media Length: 12 in. (304.8 mm) default; 100 in. (2.54 mm) max. (length is defined in software)

Media Thickness: 2.5 mils to 10 mils (0.0635 mm to 0.254 mm)

Media Sensing: Adjustable transmissive "see-through" sensor for gaps between labels and tags; adjustable reflective sensor for punched holes and underside black marks; and continuous stock

Supply Format: Rolls or fan-fold, die-cut, tags or tickets; most direct and thermal transfer materials; fan-fold stock accepted from rear of printer

Roll Diameter: 8 in. (203 mm) max.

Roll Core: 1.5 in. to 3 in. (38 mm to 76 mm)

Ribbon Handling

Ribbon: 1 in. (25.4 mm) core diameter

Ribbon Length: Up to 1,968 ft. (600 m) long

Ribbon Sensing: Senses movement

Bar Codes

Symbologies: Codabar, Code 128 (subsets A, B and C), Code 39, Code 93, EAN8, EAN13, EAN 128 SSCC, EAN/UCC 128, EAN/UPC add on 2 and 5, FIM, HIBC (Code 39), ITF14, Interleaved 2/5, MaxiCode, PDF 417, PostNet™, UPC-A, UPC-E, UCC/EAN 128 random weight, Datamatrix, Telepen, Code 128 Mod 43, MSI Plessey, LOGMARS

Bar Code Modulus: 5 mil to 110 mil (0.127 mm to 2.79 mm) "X" dimension in picket fence or ladder orientations

Fonts

Resident Fonts: Ten alphanumeric fonts from 0.035 in. to 0.64 in. (0.89 mm to 16.26 mm) including OCR-A, OCR-B, and CG Triumvirate™ scalable font from AGFA®

Font Expansion: All fonts expandable vertically and horizontally up to 24x; TrueType® and Intellifonts® can be downloaded; fonts and graphics can be printed in four directions: 0°, 90°, 180°, 270° or normal and reverse image

Printable Characters: 28 character sets (includes characters for English and most European, Scandinavian and Spanish-speaking countries)

Graphics Support: PCX, BMP and IMG

Software Control

Standard Interfaces: RS-232C (X-on/X-off & CTS/DTR at 300 to 38,400 BPS); bi-directional Centronics® Parallel port (IEEE 1284 compliant)

Optional Interfaces: Coax, Twinax, Ethernet and I/O Port

Memory: 8 MB of DRAM

Windows® Driver: Creates label formats for Windows-based programs; included on installation CD

Additional Features

Display: Displays messages in English, French, Italian, German and Spanish; one additional Western language downloadable

Environmental

Power Supply: 115, 230 VAC, 50/60 Hz available; auto-ranging

Dimensions (HxWxD): 12.7 in. x 12.6 in. x 18.6 in. (32.3 cm x 32.1 cm x 47.2 cm)

Weight: 45 lb. (20 kg)

Temp./Humidity: 40° F to 95° F (4° C to 35° C), 10% to 95% non-condensing humidity

Listings: UL, CSA and TÜV-GS safety standards, FCC Class A emissions standards and CE Mark

Options

Thermal Transfer: Simple ribbon loading, featuring collapsible ribbon hub

Standard Media Cutter w/Tray: 10 mils (0.254 mm) max. thickness

Light Duty Cutter w/Tray: 5 mils (0.127 mm) max. thickness

Revolving Media Hubs: 1.5 in. (38.1 mm) and 3 in. (76.2 mm)

Internal Rewind: 6 in. (152 mm) OD capacity; label backing rewound in peel and present mode and liner rewound in batch mode with present sensor used for on-demand label dispensing (factory or field installed)

External Rewind: 8 in. (203 mm) max. OD capacity (full supply roll)

Passport: Portable keyboard/display terminal provides interface for stand-alone printing

Label Present Sensor: For on-demand label dispensing

Network Connectivity: Hosts supported – Novell® NetWare®, UNIX®, Windows NT®, LAN Manager®, AppleTalk® and DEC®. Protocols supported: IPX, TCP/IP, LPR, LAT, NetBIOS/ NetBEUI

Internal Twinax/Coax Interface: Supports printing from IBM® midrange or mainframe computers

ILPC Firmware: International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages

Ordering Information

Printers

PRODUCT CODE

mi- 4208 TD.....	8425400
mi- 4208 TT	8425401
mi- 4208 TD with IR.....	8425402
mi- 4208 TT with IR	8425403
mi- 4208 TD with PS.....	8425404
mi- 4208 TT with PS	8425405
mi- 4208 TD with IR and PS	8425406
mi- 4208 TT with IR and PS.....	8425407

Options & Accessories

mi- 4208 dpi Printhead	503697
mi-4 Thermal Transfer Kit.....	8425450
mi-4 Peel and Present Sensor w/o rewind.....	8425451
mi-4 Internal Rewinder.....	8425452
mi Printer Flash Expansion Kit.....	8425454
mi Printer Twinax Kit	8425455
mi Printer Coax Kit.....	8425456
mi Internal Ethernet Kit	8425457
mi External Ethernet Kit.....	8425458
mi-4 Heavy Duty Cutter	8425459
mi-4 Media Unwind Hub 1.5"	8425460
mi-4 Media Unwind Hub 3"	8425461
mi-4 Standard Cutter	8425462



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