



The mi-6 Series

mi-6308 Industrial Printer



Fast, versatile and reliable 6-inch bar code printing.

Checkpoint offers an ideal bar code printing solution for today's demanding industrial applications: the mi-6308. Perfect for chemical, warehousing, multi-part and manufacturing labeling, this 6-inch thermal bar code printer provides fast throughput and rock-solid reliability, with upgradability to match your business growth.

Designed to increase performance and productivity, the standard mi-6308 has a 32-bit/90 MHz multi-tasking micro-processor and 16 MB of RAM so it delivers 6.5 inch-wide labels with 300 dpi clarity at a rate of up to 8 inches per second – the fastest speed in its class. The mi-6308 utilizes both Direct Thermal and Thermal Transfer printing technologies, and also boasts a durable die-cast steel frame and an easy-to-read LCD display.

Accessories and options for the mi-6308 include a Present sensor, internal rewinder, 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 mi-6308 printer. And its modular design makes upgrading quick and easy.

The mi-6308 Industrial Printer from Checkpoint. On a counter or in the factory, it's a tough printer for tough jobs.

mi-6308 Highlights:

- Thermal Direct/Thermal Transfer
- 8 ips with 6.5 inch print width and 300 dpi resolution
- 32-bit/90 MHz multi-tasking processor
- 16 MB of standard RAM
- Easy-to-upgrade modular design; Flash-upgradable firmware
- Support for multiple OS environments
- Print drivers for Windows® 95 and Windows NT® included

mi-6308 Industrial Printer

Technical Information

IMAGING

Technology: Thermal Direct/Thermal Transfer

Microprocessor: 32-bit/90 MHz multi-tasking

Resolution: 300 dpi; optional 203 dpi (8 dots/mm)

Image Width: Up to 6.5 in. (165.1 mm)

Image Length: 0.5 to 99 in. (12.7 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: 3 in. to 6.7 in. (51 mm to 170 mm)

Media Length: 12 in. (304.8 mm) default; 100 in. (2,540 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 1,509 ft. (460 m) long

Ribbon Sensing: Senses movement

BAR CODES

Symbologies: Codabar, Code 128 (subsets A, B and C), Code 39, Code 93, EAN 8, EAN 13, 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

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: 16 MB DRAM memory

Windows® Driver: Creates label formats for Windows-based programs. Included on installation CD or via our web site at www.checkpointssystems.com

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): 14.8 in. x 13.8 in. x 18.5 in. (37.6 cm x 35 cm x 47 cm)

Weight: 55 lb. (25 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, CE Mark, and Energy Star®

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-6308 TT.....	8425501
mi-6308 TT with IR.....	8425505
mi-6308 TT with PS.....	8425506
mi-6308 TT with PS and IR.....	8425507

OPTIONS & ACCESSORIES

mi-6 300 dpi Printhead.....	8426420
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-6 Present Sensor.....	8425550
mi-6 Peel and Present Sensor.....	8425551
mi-6 Internal Rewinder.....	8425552
mi-6 Heavy-duty Cutter.....	8425557
mi-6 Tray for Heavy-duty Cutter.....	8425558
mi-6 Media Unwind Hub 1.5".....	8425559
mi-6 Media Unwind Hub 3".....	8425560
mi-6 Standard Cutter.....	8425561
mi-6 Operator's Guide.....	8425566
mi-6 Quick Reference Guide.....	8425567



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