

Tracking Your Future

Z Series®



The ZM400 and ZM600 printers bring added flexibility to the popular Z Series platform, which has always stood out from the competition in terms of both performance and price.

With 10-inches-per-second print speed, industry-leading throughput, rugged reliability, and a wide selection of options, these full-sized metal printers enhance productivity in tough environments and demanding applications.

On top of the hard-working durability and easy use of these die-cast metal frame printers, the speed-optimized ZM400 and ZM600 are perfect for:

- Work in process
- Order fulfillment
- Compliance labeling
- Distribution
- Warehouse management
- Shipping/Receiving
- Hospitality/Transportation ticketing
- Pharmacy/Healthcare

ZM400™ and ZM600™



About DSC

Digital Scanning Corporation (DSC) is an established and leading automated identification data capture (AIDC) specialist since 1993.

With products ranging from barcode, card & RFID hardware, software, consumables, to technical support, DSC believes in being the one-stop solution provider for business' needs!

Our TrekNet™ Solution

Increase the productivity of your business with TrekNet™ IMS (Inventory Management Solution)!

Available in 2 versions, Enterprise & Standard, TrekNet™ IMS is designed for small to medium-large enterprises to manage logistics operations systematically.

With our team of well trained and dedicated developers, we are also able to customise other tracking solutions according to your needs.

Call +65 6665 7500 or email to marketing@dsc.com.sg for more details.



STANDARD FEATURES

Print methods: Thermal transfer or direct thermal
 Construction: Die-cast aluminum base, frame and printhead mechanism
 Metal media cover with large clear window
 Element Energy Equalizer™ (E™) for superior print quality
 Auto-calibration
 Real-time clock
 Auto-ranging (90–265 VAC) power supply
 Color-coded operator cues
 Multi-language control panel with back-lit 240 x 128 pixel display
 ZPL II®
 XML-enabled Printing—Direct-connect integration for bar code label printing that eliminates license fees and printer server hardware, and lowers customization and programming costs

PRINTER SPECIFICATIONS

Resolution
 203 dpi/8 dots per mm; 300 dpi/12 dots per mm; 600 dpi/24 dots per mm (ZM400 only)

Memory
 Standard: 8 MB Flash, 16 MB DRAM
 Optional: Factory installed 64 MB Flash

Print Width
 ZM400: 4.09"/104 mm
 ZM600: 6.6"/168 mm

Print Length
 ZM400: with 203 dpi: 157"/3,988 mm; with 300 dpi: 73"/1,854 mm; with 600 dpi: 39"/991 mm
 ZM600: with 203 dpi: 102"/2,590 mm; with 300 dpi: 45"/1,143 mm

Print Speed
 203 dpi: 10"/254 mm per second;
 300 dpi: 6"/203 mm per second;
 600 dpi: 4"/102 mm per second

Media Sensors
 Fixed reflective sensor
 Adjustable transmissive sensor

MEDIA CHARACTERISTICS

Maximum label and liner length
 Maximum non-continuous: 35"/891 mm

Maximum label and liner width
 ZM400: 4.5"/114 mm
 ZM600: 7.0"/178 mm

Maximum roll diameter
 6.0"/203 mm

Core diameter
 3/76 mm

Media thickness
 0.0023"/0.058 mm to 0.010"/.25 mm

Media types
 Continuous, die-cut, tags, black-mark
 For optimum print quality and performance, use genuine Zebra™ supplies.

RIBBON CHARACTERISTICS

Outside diameter
 3.2"/81.3 mm

Standard length
 984/300 m or 1476/450 m

Ratio
 3:1 media roll to ribbon.
 Ribbon must be at least as wide as media

Width
 ZM400: 2.00"/51 mm to 4.33"/110 mm
 ZM600: 2.00"/51 mm to 6.88"/174 mm

Ribbon setup
 Ribbon wound ink-side out (ribbon wound ink-side in can be used with optional ribbon spindle on ZM400)

Core I.D.
 1.0"/25.4 mm

OPERATING CHARACTERISTICS

Environmental
 Operating temperature:
 32° F/0° C to 104° F/40° C (Direct Thermal)
 40° F/0° C to 104° F/40° C (Thermal Transfer)
 Storage temperature: -40° F/-40° C to 140° F/60° C
 Operating humidity: 20-85% non-condensing
 Storage humidity: 5-85% non-condensing

Electrical
 Universal auto-ranging (PFC-compliant) power supply 90-265 VAC; 48-62Hz

Agency Approvals
 IEC 60950-1, EN55022 Class B, EN55024, EN61000-3-2,3
 Markings: cULus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, CCC, GOST-R, BMSI, S-Mark, MIC, ZIK

ZEBRALINK™ SOLUTIONS

Software
 ZebraDesigner™ Pro
 ZebraDesigner for XML
 ZebraNet™ Bridge Enterprise
 ZebraNet Utilities v 7.0
 Zebra Universal Driver
 Additional scalable and bitmapped fonts available

Networking/Connectivity
 ZebraNet™ Wireless Plus
 ZebraNet 10/100 Print Server
 ZebraNet PrintServer II (external)
 RS-232C serial port
 High-speed, IEEE1284, bi-directional parallel interface
 USB 2.0

Firmware
 ZPL II™
 EPL™
 XML-Enabled Printing
 APL™
 Web View
 Alert

PHYSICAL CHARACTERISTICS

Width: 10.9"/278 mm
 Height: 13.3"/338 mm
 Depth: 18.7"/475 mm
 Weight: 32.4 lbs/15 kg
 Shipping weight: 49 lbs/22 kg

FONTS/GRAPHICS/SYMBOLOLOGIES

Fonts and Character Sets
 7 bitmapped, 1 smooth scalable
 Native open type font support
 Global Printing—Unicode™ compliant for fast multi-language, on demand thermal printing right out of the box.
 Contains UFST® from Monotype Imaging Inc.

Graphic Features
 Supports user-defined fonts and graphics—including custom logos
 ZPL II drawing commands—for boxes and lines

Bar Code Symbolologies
 Linear Bar Codes: Code 11, Code16k, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case C Codes, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, Planet Code
 2-Dimensional: Codeblock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, TLC 39, GS1 DataBar (RSS), Aztec

OPTIONS AND ACCESSORIES

Factory installed 64 MB Flash memory option
 Cutter with catch tray
 Peel—a front mount, passive peel option with no liner take-up
 Liner take-up (works with peel option)—full roll liner take-up spindle (fits standard base, ZM400 only)
 Rewind—internally rewinds full label roll on 3" core (comes with taller, non-standard printer base)
 RS-422/465 serial port adapter
 Optional ribbon spindle to support ribbon wound ink-side in (ZM400 only)

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