

GRAPHICS PRINTING MODULE GEN 2

The graphics printing module on the MX6000 system is used to print custom monochrome graphics of any type — including text, logos, bar codes, signatures and fingerprints — on PVC cards using thermal transfer print technology.

- Precise placement tolerance delivers excellent finished results
- TrueType fonts and Unicode characters support broad language capability
- Multiple modules can be used to print more than one color on the same side of a card or print front-and-back graphics in a single pass
- High-quality graphic supplies deliver excellent clarity and durability
- Large supply rolls minimize reloading downtime
- Intelligent Supplies Technology™ feature enhancements improve card production efficiency and increase ribbon conservation to help minimize cost per card

Graphics Printing Module Gen 2 Specifications	
Module Functionality	Prints monochrome thermal graphics text and images on the card
Rated Speed	Up to 1,500 CPH (Regardless of the physical size of the image)
Printing Technology	Monochrome thermal mass transfer
Resolution	300 dpi
Text Formats	Scalable fonts, including TrueType fonts for Microsoft® Windows® operating systems
Bar Code Formats	One-dimensional (1D): Code 39, Code 3 of 9, Code 39 Extended, Code 39 HIBC, Codabar, NW7, EAN8, JAN8, EAN13, JAN13, UPCA, UPCE, Booklan, Interleaved 2 of 5, Code 128, EAN_UCC128, Code 93, MSI Plessey, UK Plessey Two-dimensional (2D): PDF417 and Data Matrix
Image Formats	Certain versions or features of the following image formats may be supported: BMP, DCT (Datacard 9000 UltraGrafix monochrome image format), DCP, DPEG (Datacard 9000 color image format), GIF 87, GIF 89, JPEG, JPEG 2000, PCX, PNG, TGA and TIF. For additional information contact your local sales representative.
Graphics Placement	Near edge-to-edge – 0.1 in. (2.54 mm) from card edge, chip or cutout
Intelligent Supplies Technology™	Intelligent Supplies Technology™ is enabled in this module when used with Datacard® Certified Supplies. Features include: <ul style="list-style-type: none"> • Automatic supply recognition • Automated energy/temperature and module settings • Verification of proper color ribbon loaded for job • Supply low notification • Enhanced ribbon conservation
Operator Supply Notifications	Supply low* Supply out Supply break Supply not loaded or recognized Supply load prompt *Available only with Datacard® Certified Supplies featuring Intelligent Supplies Technology™
Ribbons Available	<ul style="list-style-type: none"> • Utilizes the same supplies as the Datacard® Maxsys® card issuance system • Custom colors available upon request
System Configuration	<ul style="list-style-type: none"> • Up to 4 modules per system • Card cleaning module is required when a graphics printing module is installed in the system • If embossing and graphics printing are both required for a card job, the graphics printing module must be configured before the embossing module • A topcoat or laminate application is recommended to enhance the durability of the card • Back and front side card printing options available • Requires MX6000 system controller software version 5.1 SP2 or higher
Card Types Supported	ISO/IEC 7810 ID-1 Size; 30 mil (±10%) Alternative card thicknesses can be made available upon request
Card Materials Supported	PVC or PVC laminate cards supported; Other materials such as PETG and PVC varnished cards must be tested for compatibility
Module Dimensions	50.1 in. H x 10.0 in. W x 27.0 in. D (127.3 cm x 25.4 cm x 68.6 cm)
Weight	116.0 lbs (52.6 kg)
Current Draw	0.60 Amps at 230V
Heat Output	Average of 437 BTUs per hour

DATA CARD® MX6000™ CARD ISSUANCE SYSTEM

GRAPHICS PRINTING MODULE GEN 2

Graphics Printing Module Gen 2 Supplies		
Graphics Monochrome Ribbons featuring Intelligent Supplies Technology™		
Item Number	Description	Approx. Card Yield/Roll*
559789-501 (Roll)	Black ribbon	16,280
559789-502 (Roll)	Royal blue ribbon	16,280
559789-503 (Roll)	White ribbon	14,570
559789-504 (Roll)	Red ribbon	16,280
559789-505 (Roll)	Process blue ribbon	16,280
559789-506 (Roll)	Green ribbon	16,280
559789-507 (Roll)	Silver matte ribbon	14,570
559789-511 (Roll)	Gold matte ribbon	16,280
559789-512 (Roll)	Burgundy ribbon	16,280
559789-513 (Roll)	Scratch-off silver ribbon (weave pattern)	11,420
559789-514 (Roll)	Teal ribbon	16,280
559789-515 (Roll)	Purple ribbon	16,280
559789-516 (Roll)	Warm red ribbon	16,280
559789-527 (Roll)	Metallic silver ribbon	16,280
559789-528 (Roll)	Metallic gold ribbon	16,280
559789-517 (Roll)	UV fluorescing blue ribbon	5,425
*Graphics ribbon yields are estimated based on 1.75 in. (4.45 cm) of printing per card. Actual yields may vary due to image print size, system configuration and other waste factors.		
Custom colors available upon request.		
Replacement Printheads for Graphics Printing Module Gen 2		
Item Number	Description	Approx. Card Yield/Roll*
571883-002	Graphics monochrome printhead (300 dpi) Gen 2	NA
571893-003	UltraPrint Label printing graphics monochrome printhead (300 dpi) Gen 2	NA

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