



2" / 3" Mobile Printer

# MX20 / MX30



Light Weight and Portable  
Robust and Sturdy

Smart and user friendly interfaces for excellent flexibility and durability



Intuitive operation panel:

- 4 status indication LEDs
- 3 sets of membrane switches: power / feed / bluetooth buttons



- High battery capacity for longer uptime
- Can print both on Labels and continuous paper
- Standby time 72 hrs. Able to print over 3,000 labels
- With sleep function to save battery



Wired & wireless connectivity:

- Wired: RS232, USB ports
- Wireless: Bluetooth, Wi-Fi



Water and dust resistant enhances the printer's stability meeting a worldwide IP54 standard

Model		MX20	MX30
<b>Print Method</b>		Direct Thermal	
<b>Resolution</b>		203 dpi (8 dots/mm)	
<b>Print Speed</b>		Up to 4 IPS (101.6 mm/s)	
<b>Print Width</b>		1.89" (48 mm)	2.8" (72 mm)
<b>Print Length</b>		44.9" (~1142 mm)	30" (~762 mm)
<b>Processor</b>		32 bit RISC CPU	
<b>Memory</b>	<b>Flash</b>	128 MB Flash (40 MB for user storage)	
	<b>SDRAM</b>	32 MB SDRAM	
<b>Sensor Type</b>		Paper end sensor, Gap sensor	
<b>Media</b>	<b>Type</b>	Direct Thermal receipt, anti-UV receipt, gap label center alignment	Direct Thermal receipt, anti-UV receipt, gap label left side alignment
		Inter-label gap size from 2 mm to 4 mm. 3 mm preferred	
	<b>Width</b>	2.28" (58 mm) fixed	Max. 3.15" (80 mm), Min. 1.5" (38.1 mm)
	<b>Media roll diameter</b>	Max. 1.57" (40 mm)	Max. 2.35" (60 mm) on 0.5" (12.5 mm) core
	<b>Thickness</b>	Min 0.0508 mm, Max 0.165 mm	Min 0.0508 mm, Max 0.165 mm
<b>Printer Language</b>		GPOS Emulations or EZPL / GZPL / GEPL Emulations	
<b>Software</b>	<b>Label design software</b>	GoLabel (for EZPL only)	
	<b>Driver</b>	Win CE, .NET, Pocket PC, Windows Mobile, iMAC OS, Windows 2000 / XP / VISTA / Windows7 / 8	
	<b>SDK</b>	Win CE, .NET, Pocket PC, Windows Mobile, iMAC OS, Windows 2000 / XP / VISTA / Windows7 / 8	
<b>Resident Fonts</b>	<b>Bitmap fonts</b>	6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A & B. 0°, 90°, 180°, 270° rotatable	
	<b>TTF fonts</b>	CG Triumvirate™ (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable	
<b>Download Fonts</b>	<b>TTF fonts</b>	0°, 90°, 180°, 270° rotatable	
	<b>Asia fonts</b>	16x16, 24 x 24. Traditional Chinese (BIG-5), Simplified Chinese(GB), Japanese (JIS), Korean (KS)	
<b>Barcodes</b>	<b>1-D Bar codes</b>	Code 39, Code 93, EAN 8 / 13 (add on 2 & 5), UPC A/E (add on 2 & 5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (subset A, B, C), EAN 128, RPS 128, UCC 128, UCC / EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM and GS1 DataBar	
	<b>2-D Bar codes</b>	PDF417, Datamatrix code, MaxiCode, QR code, Micro PDF417, Micro QR code and Aztec code	
<b>Code Pages</b>		CODEPAGE 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737 WINDOWS 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8, UTF16	
<b>Graphics</b>		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from GoLabel	
<b>Interfaces</b>		USB 2.0 port (Mini B-Type)	
		Serial port: RS-232 (DB-9)	
		Bluetooth 2.1+EDR	
<b>Control Panel</b>		4 dual color LEDs for Power, Battery, Communication, Error status indication. 3 buttons for Power, Feed and BT functions	
<b>Power Adapter</b>		Switching power supply	
		I/P: 100 / 240 V AC, 50 / 60 Hz, DC 9 V / 2.0 A	
<b>Battery Charger</b>		4-bay charger station, switching power supply	
		I / P: 100 / 240 VAC, 50 / 60Hz, DC	
		O/P: 9 V / 1.0 A for each bay	
<b>Battery</b>		Rechargeable DC 7.4 V Lithium-ion battery, 1100 mAh or higher capacitance	Rechargeable DC 7.4 V Lithium-ion battery, 2200 mAh or higher capacitance
<b>Environment</b>	<b>Operation temperature</b>	32°F to 122°F (0°C to 50°C)	
	<b>Storage temperature</b>	-4°F to 140°F (-20°C to 60°C)	
<b>Humidity</b>	<b>Operation</b>	10-90%, non-condensing	
	<b>Storage</b>	10-90%, non-condensing	
<b>IP Rating</b>		Intrusion Protection, IP42 requirement for case design	
<b>Drop Level</b>		1.5 meter height	
<b>Agency Approvals</b>		CE EMC class B, CE EMR (EN55022) class B, FCC part 15B class B, FCC Part 15C class B, CCC, SRRC, NCC, CB, cUL	
<b>Packing</b>		Belt clip, Lithium-ion battery, AC / DC power adapter, 1 roll media, quick start guide, Installation CD, USB cable, RS-232 cable	
<b>Dimension</b>	<b>Length</b>	1.89" (48 mm)	6.65" (169 mm)
	<b>Height</b>	3.27" (83 mm)	3.03" (77 mm)
	<b>Width</b>	5.00" (127 mm)	4.41" (112 mm)
<b>Weight</b>		0.55 lbs (250 g)	1.65 lbs (750 g)
<b>Options</b>		Shoulder strap, Lithium-ion battery, charge cradle, Battery charger station, Car charger adapter	WiFi, Comply with IEEE 802.11b/g
			Shoulder strap, Lithium-ion battery, charge cradle, Battery charger station, Car charger adapter, NFC RFID R/W kit

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