

2" / 3" Mobile Printer

# MX20 / MX30



Lightweight and portable  
Provides for a Robust and Hasslefree Solution  
Standard interfaces to facilitate integration into most applications



Intuitive operation panel:

- 4 status indication LEDs
- 3 Function buttons:  
Power, Feed, Bluetooth



- High capacity batteries minimize downtime
- Compatible with labels or continuous paper
- 72 hour standby with up to 300 label cycles between charges
- Sleep mode standard



Wired & wireless connectivity:

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



Printer meets IP54 standard with the optional protective case which is water and dust resistant

# MX20 / MX30

## Mobile Printer

Model		MX20	MX30
Print Method		Direct Thermal	
Resolution		203 dpi (8 dots/mm)	
Print Speed		Up to 4 IPS (101.6 mm/s)	
Print Width		1.89" (48 mm)	2.8" (72 mm)
Print Length		45" (~1142 mm)	30" (~762 mm)
Processor		32 bit RISC CPU	
Memory	Flash	128 MB Flash (60 MB for user storage)	
	SDRAM	32 MB	
Sensor Type		Gap sensor , Fixed transmissive sensor , Fixed reflective sensor	
Media	Type	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	Inter-label gap size from 2 mm to 4 mm. 3 mm preferred	
	Width	2.28" (58 mm) fixed	Min. 1.5" (38.1 mm) – Max. 3.15" (80 mm)
	Media roll diameter	Max. 1.57" (40 mm)	Max. 2.35" (60 mm)
Thickness		Min 0.0508 mm, Max 0.165 mm	
Printer Language		GPOS Emulations or EZPL / GZPL / GEPL Emulations	
Software	Label design software	GoLabel (for EZPL only)	
	Driver	MAC , Linux , Windows 2000 / XP / VISTA / Windows 7 / Windows 8.1	
	SDK	Win CE , .NET , Windows Mobile, Windows 2000 / XP / VISTA / Windows 7 / Windows 8.1 / Android	
Resident Fonts	Bitmap fonts	6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A & B. 0°, 90°, 180°, 270° rotatable	
	TTF Fonts	CG Triumvirate™ (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable	
Download Fonts	TTF Fonts	90°, 180°, 270° rotatable	
	Asian Fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001)	
	Bitmap Fonts	90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions	
Barcodes	1-D Bar codes	Code 39, Code 93, EAN 8/13 (add on 2 & 5), UPC A/E (add on 2 & 5), 1 2 of 5 & 1 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, GS1 DataBar, German Post Code, Planet 11 & 13 digit, Japanese Postnet, 12 of 5 with human readable check digit, Standard 2 of 5, Industrial 2 of 5 , Logmars, Code 11, Code 49, Cadablock	
	2-D Bar codes	PDF417, Datamatrix code, MaxiCode, QR code, Micro PDF417, Micro QR code and Aztec code	
Code Pages		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, UTF16BE , UTF16LE	
Graphics		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from GoLabel	
Interfaces		RS232+USB 2.0 port, mini-B type connector Bluetooth 2.1+EDR	
Control Panel		4 dual color LEDs for Power, Battery, Communication, Error status indication. 3 buttons for Power, Feed and BT functions	
Power Adapter		Switching power supply I/P: 100 / 240 V AC, 50 / 60 Hz, DC 9 V / 2.2 A	
Battery		Rechargeable DC 7.4 V Lithium-ion battery, 1150 mAH or higher capacitance	Rechargeable DC 7.4 V Lithium-ion battery, 2500 mAH or higher capacitance
Environment	Operation temperature	32°F to 122°F (0°C to 50°C)	
	Storage temperature	-4°F to 140°F (-20°C to 60°C)	
Humidity	Operation	10-90%, non-condensing	
	Storage	10-90%, non-condensing	
IP Rating		Intrusion Protection, IP42 requirement for case design, IP54 for protective case	
Drop Level		1.5 meter height	
Agency Approvals		CE EMC, FCC part 15B class B, FCC Part 15C CCC, SRRC, NCC, CB, UL, cUL	CE EMC, FCC part 15B class B, FCC Part 15C CCC, SRRC, NCC, CB, UL, cUL, Energy Star V2.0
Dimension	Length	2.0" (51 mm)	6.71" (170.63 mm)
	Height	3.3" (84 mm)	3.11" (79 mm)
	Width	5.1" (129.55 mm)	4.48" (114.01 mm)
Weight		0.72 lbs ( 325 g), with battery	1.45 lbs (660 g), with battery
Options		USB cable RS-232 cable Li-ion battery 4-bay battery charger station Car charger adapter Protective case	USB cable RS-232 cable Li-ion battery 4-bay battery charger station Car charger adapter Protective case WiFi ( comply with IEEE 802.11b/g/n )

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