



M20 Portable thermal receipt printer

Choose M20 to bring your business to wherever it is needed!

Experience the advantages and value of today's smartphones and tablet devices. The new M20 printer supports connection to IOS, Android and Windows platforms via Bluetooth. Through simple Bluetooth pairing technology, provide a relaxed and convenient user experience. No matter which device you choose—smartphone, tablet or handheld device, the M20 printer can meet your 2-inch receipt printing business needs.

In addition to supporting today's very popular operating systems for smartphones and tablet devices, this printer can also use WeChat to connect to devices and WeChat to connect to printers.

Based on this experience, you can use the software development kit (SDK) provided by our company to create printing applications for IOS, Windows, and Android platforms, and print clear receipts.

Applications as follows:

Retail

- Mobile POS
- Queuing payment

Field service

- On-site installation

Direct delivery

- Certificate of delivery

Service industry

- Payment receipts at the table
- Transportation receipts

Data Sheet

M20 Portable thermal receipt printer

project		model			
parameter name		M20	M20-S	M20-P	M20-PL
Print parameter	Print Type	Thermal line printer			
	Fast Speed	60mm/s	80mm/s		
	Resolution	203dpi			
	Point distance	0.125mm			
	Print Width	48mm			
Paper parameter	Paper	Thermal receipt roll paper			Bottomless paper label
	Width	Max 58mm			
	Thickness	0.05-0.18mm			
	Roll diameter	Max 40mm			
	Paper In	Clamshell paper loading, easy paper loading			
	Paper Out	Paper out on top; thermal side facing out			
	Cutting	Metal tearing knife, manual tearing off			
Content	Font AscII	Height: 16, 20, 24, 28			
	Font GB18030	Height: 16, 20, 24, 28			
	Encoding	ASCII; GBK (GB18030); Unicode			
	character	English, Chinese characters, numbers, various symbols			
	Rotate	0°, 90°, 180°, 270°			
	Barcode	EAN-8; EAN-13; ITF; UPC-A; UPC-E; Codebar; Code93; Code39; Code128			
	2D Barcode	QRcode		QRcode, PDF417, Data Matrix, Grid Matrix	
	Picture	1 Bit Bitmap (Line, Curve, Table, Picture)			
Pack Characteristics	Machine Size	108.5mm*88mm*46.5mm			
	Machine Weight	205g (With Battery, No paper)	255g (With Battery, No paper)		
	Package Size	177mm*105mm*54mm			
	Carton Size	384mm*345mm*295mm			
	Carton quantity	30 台/box			
	Carton Weight	9.99Kg/box	11.4Kg/box		

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UI	Input	1 pc Key button	
	Output	Buzzer; indicator light	
	Wired communication	Mini USB	RS232 serial port (integrated USB)
	Wireless communication	Bluetooth 4.0 BLE supports Android IOS	Bluetooth 4.2 BLE supports Android IOS
	Label Check	None	
	Mark Check	One on the left	
	Warning	No Paper, Cover Opened, Overheat, Low Power	
	Driver	Android SDK; IOS SDK	
	Program	ESC / POS	ESC / POS, CPCL
Power	Battery	3.7V 2600mAh Lithium ion	7.4V 2000mAh Lithium ion
	Battery place	Inside, can not be took outside	
	Charger	Input:100-240AC 0.5A, Output: 5V1A DC	
Environmental parameters	Operating Temperature	0~50 °C	
	Storage Temperature	-20~60 °C	
	Operating Humidity	35%~85% non condensation	
	Storage Humidity	10%~90% non condensation	
Reliability	TPH Life	50Km (12.5% Density) / 100 million pulse	
	Battery life	500 cycles	
	Print Length	About 220m for one charge	About 400m for one charge
	Antistatic grade	3000V	
	Certifications	CCC; CE; ROHS	
Other data	Print data setup	Use APP to set black level	
	Feed Back	No	
	Charge Time	3 hours	
	Standby	160 hours	200 hours

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	Standard accessories	Chinese standard power adapter; usage guide; certificate of conformity and warranty card
	Optional accessories	European standard, American standard, etc. power adapter; car adapter; special data cable; special leather case; special wear parts