

# FM90 : Wireless 1D/2D Code Scanner

MYPOS



**Wireless  
1D/2D Code Scanner**



**Low Power  
Consumption**



**High Scanning  
Performance**

## Configuration Option

- USB+BT
- USB+2.4G Wireless
- USB+BT+2.4G Wireless



# FM90

## Wireless 1D/2D Code Scanner

<b>Performance</b>		Battery Capacity	2000 mAh
Image Sensor	640x480 CMOS	Charging Time	≥4 Hours
Illumination	White LED	Operating Time	≤14 Hours (10 times/sec) (2.4G mode)
Aiming	Red LED		
<b>Decode Capacities</b>		<b>Physical</b>	
2D	Aztec Code, AU Postal Code, Data Matrix Code, HANXIN, Codablock A, Codablock F, DOT_Code, ENG Postal Code, PDF417, MicroPDF417, JP Postal Code, KIX Postal Code, Maxicode, QR Code, Micro QR Code, PLANET Code, POSTNET Code, Royal Infomail Code, UPU Postal Code	Interface Option	<ul style="list-style-type: none"> <li>• USB+BT</li> <li>• USB+2.4G Wireless</li> <li>• USB+BT+2.4G Wireless</li> </ul>
1D	Airline 2 of 5, Codabar, Code 128, Code 11, Code 32, Code 39, Code93, Composite, EAN-8, EAN-13, UPC-A, UPC-E, Full ASCII Code39, GS1 DataBar Omnidirectional, GS1 DataBar Expanded, GS1 DataBar Limited, Matrix 2 of 5, Hong Kong 2 of 5(China post), Interleaved 2 of 5, Telepen, MSI, Pharma code, Straight 2 of 5 Industrial, Trioptic Code	Dimension(mm)	68(W)×96.5 (D)×175(H)
Min Decode Capacity*	≥5mil	Net Weight	201vg
Typical Decode Range*		Indicator/Alarm	Beeper, LED
UPC-13 (13mil)	30mm~ 250mm (Barcode Size:32mmx25mm)	Charging Voltage	5 VDC±5%
PDF417 (6.67mil)	30mm~120mm (Barcode Size:17mmx12mm)	<b>Environmental</b>	
Code39 (5mil)	30mm~90mm (Barcode Size:25mmx10mm)	Operating Temperature	-10°C ~ +50°C
Data Matrix (10mil)	25mm~110mm (Barcode Size:6mmx6mm)	Storage Temperature	-40°C ~ +50°C
QR (15mil)	25mm~150mm (Barcode Size:8mmx8mm)	Humidity	5%~95% (Non-Condensing)
Minimum Print Contrast*	≥20%	Ambient Light	0~100,000LUX
Scan Angle**	Skew±60°, Pitch±60°, Roll 360°	<b>Accessories</b>	
FOV	45.86° (H) 35.21° (V)	USB Cable	for charging and data transmission
		Receiver Dongle	Data Transmission(Wireless Mode)
<b>Wireless</b>		* Test conditions: ambient temperature = 23°C; ambient illumination = 300 LUX incandescent lamp; paper codes use test sample codes developed by our company	
Communication Mode	Real Time mode/ Batch Mode	**	
Wireless Technology	Bluetooth	*Specifications are subject to change without notice*	
Wireless Distance	≥15 meters (Bluetooth)	<b>MYPOS Technology (Thailand) Co., Ltd.</b>	
Storage Capacity	≥15000 bar codes (EAN13 )	49/293 Soi Vibhavadi-Rangsit 64 Yeak 13, Talat Bangkhen, Lak Si, Bangkok 10210 Tel: +66-2-521-7155 ~ 59 Fax: +66-2-521-7167 Email: sales@myposthai.com	

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