



IW50

Industrial Wireless 2D Barcode Scanner

Strong decoding performance

Super long scan distance

Light and stylish design



1D/2D



Mobile payment



Auto



Plug and play



32Bit ARM



1280x800Pixel

Features

- 1280x800 pixels image sensor, combined with unique algorithm
- Long scan distance and strong decoding performance
- 2.4G+Bluetooth dual connection mode, flexible data transmission
- 3200mAh large capacity battery supports long time working
- IP65 standard rugged housing withstand 2m free drop



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Technical Parameters



Performance Parameter	
CPU	32-bit ARM
Scan Mode	Manual & Automatic
Image Sensor	CMOS
Image Size	1280x800 Pixels
Scanning Speed	60 fps
Mnimum Resolution	≥3mil
Light Source	White LED Lighting, Laser aiming
Decoding Depth	40~470mm (13mil EAN13 PCS=90%)
Print Contrast	≥15%
Field Angle	Horizontal 40.6°; Vertical 30.4°
Interface	USB, USB-VCOM, RS232
Decoding Capability	1D: Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128,UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar (RSS14), Matrix 2 of 5, Standard 2 of 5 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code, MaxiCode

Other Parameters		Depth Of Field Performance		
Size	Scanner: 98×76×204 (mm) Cradle: 252x101x70 (mm)	Barcode category	Minimum(mm)	Maximum(mm)
Weight	Scanner: 340g Cradle: 380g	Code 39 4mil	40	200
Materials	ABS+PC (with flame resistant effect)	Code 39 13mil	70	540
Drop Resistance	2m	Code 39 20mil	80	600
Working Current	381mA	Code 39 87mil	360	3450
Standby Current	186mA	EAN 13 4mil	50	180
Charging Time	5H	EAN 13 13mil	40	470
Continuous Battery Life	30H	EAN 13 20mil	60	600
Battery Capacity	3200mAh	EAN 13 108mil	330	4560
Temperature (Operating)	-20°C~50°C	Code 128 4mil	40	170
Humidity	5% to 95% (non-condensing)	Code 128 13mil	10	480
Temperature (Storage)	-20°C~60°C	Code 128 20mil	60	600
IP	IP65	Code 128 154mil	370	5900
Communication Distance	2.4G mode: 100m (open space) Bluetooth mode: 100m (open space)	QR 6mil	50	150
Communication Methods	2.4G wireless communication, Bluetooth wireless communication	QR 20mil	50	400
Resistance To Ambient Light	0-100000 lux	QR 350mil	380	7300

*IW50-01/26B-V1.0.1