

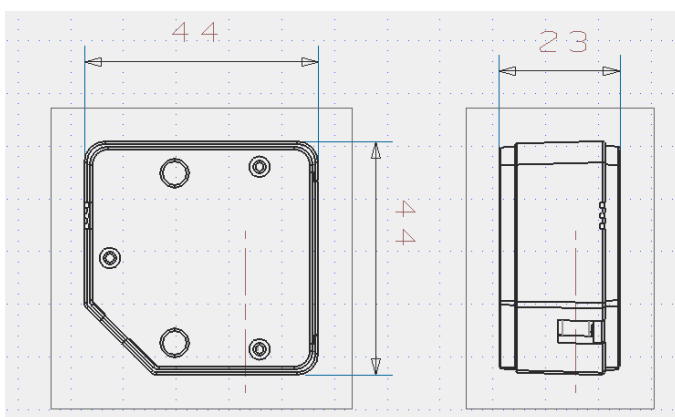
HW-1880HD

FEATURES & BENEFITS

- 32-bit high performance CPU
- Decoding min barcode density:3mil(1280*800)
- Support 1D/2D barcode on paper and screen
- Manual, Auto detective, Continuous, Host mode.
- Host mode: programmable(sending commands by serial port)
- Interface USB(HID,COM),RS232(open wire)
- Small size, fast and convenient installation



Installation Dimensions and Interface definition



1. RS232 interface(Open wire)

PIN NO.	Definition	Wire color
1	VCC	Red
2	RXD	Brown
3	TXD	Orange
4	GND	Black

2. USB Interface is USB



Application Scenario



Traceability for factory



Cabinet for logistics



self order machine(KFC)

Technical Specification

HW-1880HD Parameters

Reading performance	Image Sensor	CMOS	
	Resolution	1MP pixels,1280*800,60fps	
	Decoding capacity	Support paper and screen barcodes	
		2D: QR,PDF417,Data Matrix, Aztec, Matrix code etc.	
		1D: EAN, UPC, Code 39,Code 93,Code 128,UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6,ITF-14,ISBN,ISSN, MSI-Plessey,GS1 Databar,GS1 Composite Code,Code 11,Industrial 25, Standard 25,Plessey, Matrix 2 of 5 etc. all normal 1D barcodes	
	Precision	3mil	
	Light Source	620nm Visible Red Diode, white LED for illumination	
	View Angle	66° (H) x50° (V)	
	Scan Angle	Rotation360° ,tilt±65° ,skew±65°	
	Min Contrast	25%	
Mechanical and electrical	Trigger Mode	Manual, Continuous, Motion sensing, Host Mode etc.	
	Typical DOF	EAN13(13mil) 40-250mm	Code 39(5mil)40-150mm
		QR code(20mil)25-280mm	PDF417 (6.67mil)30-160mm
	Performance may be impacted by bar code quality and environmental conditions		
	Interface	USB(HID,COM) RS232(Open wire)	
	Working Voltage	DC 5V	
	Current	170mA(working) 25mA-USB,400uA-RS232(Standby)	
Environment Request	Dimensions	44*44*23mm	
	Weight	70-100g(with cable)	
	Indication	Buzzer&LED	
	Working Tem	-20~50℃	
Environment Request	Storage Tem	-40~70℃	
	Humidity	5%-95%(Non-condensing)	
	Light intensity	0-100,000Lux	