

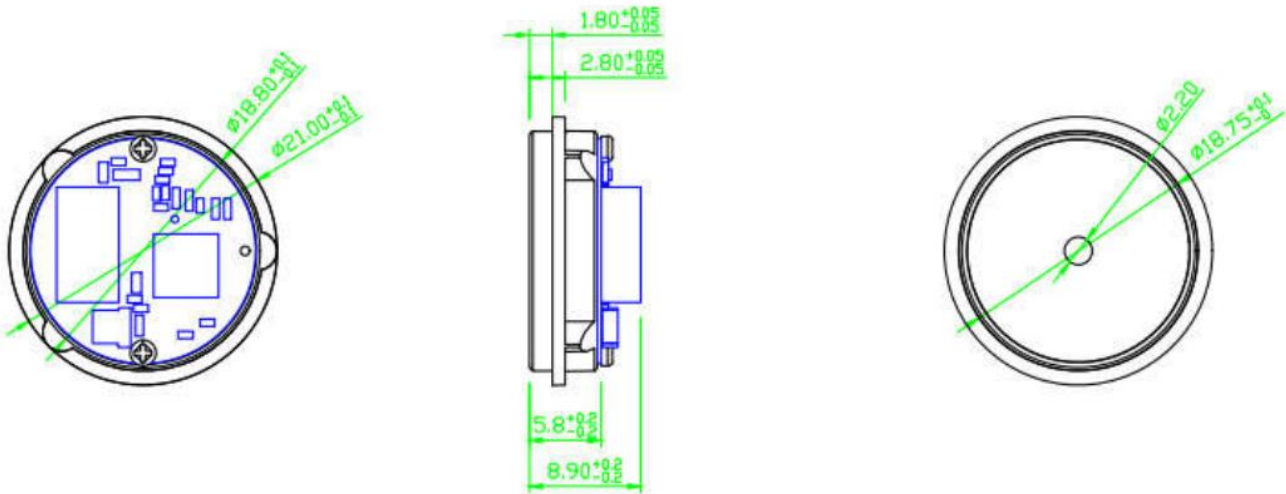
HW-1200

FEATURES & BENEFITS

- 300,000 pixels resolution
- Decoding min barcode density:5mil
- Support 1D/2D barcode on paper and screen
- Interface TTL232 by 6pin connector
- Coin size, round sharp



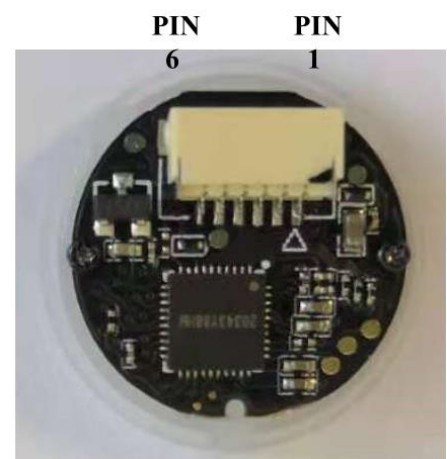
Installation Dimensions and Interface definition



Interface definition

PIN	I/O	Definition	Description
1	-	GND	Ground
2	Input	RX	TTL serial port reception
3	Output	TX	TTL serial port transmission
4	Input	VCC	DC 3.3V
5		NC	
6		NC	

Connector spec: JST 1.0mm pitch 6pins



Technical Specification

HW-1200 parameters

Reading performance	Image Sensor	CMOS	
	Resolution	300,000 pixels,640*480pixels,30fps	
	Decoding capacity	Support paper and screen barcodes	
		2D: QR Code、PDF417、DataMatrix (ECC200)	
		1D: EAN13、EAN8、UPC-A、UPC-E0、UPC-E1、Code128、Code39、Code93、CodaBar、Interleaved 2 of 5、Industrial 25、Matrix 2 of 5、Code11、MSI Plessey、RSS-14、limited RSS、Expanded RSS、Standard 2 of 5、Plessey、ChinaPost 25 etc. all normal 1D	
	Precision	1D $\geq 5\text{mil}$; 2D $\geq 8\text{mil}$	
	Light Source	Visible Red Diode, White LED for illumination	
	View Angle	65(H) x50(V)	
	Scan Angle	Rotation 360° , tilt $\pm 60^{\circ}$, skew $\pm 50^{\circ}$	
Mechanical and electrical	Min Contrast	25%	
	Trigger Mode	Continuous, Auto sensing, Host mode etc.	
	Typical DOF	EAN13 (13mil) 30-120mm	Code 128(15mil)30-160mm
		QR code(15mil)40-220mm	
		Performance may be impacted by bar code quality and environmental conditions	
	Interface	TTL232	
	Working Voltage	DC 3.3V	
Environment Request	Current	120mA(working)	5mA(standby)
	Dimensions	Diameter: 21mm; Thickness: 8.9mm	
	Weight	3g	
	Indication	LED(fill light)	
Environment Request	Working Tem	-20~60℃	
	Storage Tem	-40~70℃	
	Humidity	5%-95%(Non-condensing)	