

HW-1251

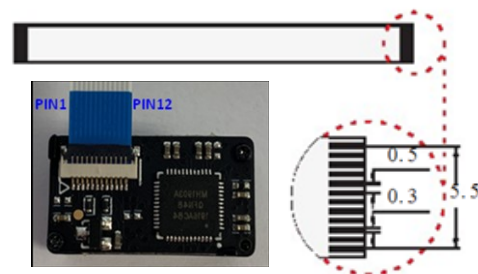
FEATURES & BENEFITS

- 32-bit high performance CPU
- Decoding min barcode density:5mil
- Support 1D/2D barcode on paper and screen
- Interface TTL232 and USB by 12pin FFC
- Manual, Motion detective, Continuous, Host mode
- Small size, fast and convenient installation



Installation Dimensions and Interface definition

PIN	Definition	Description	Description
PIN 1	TEST1	floating	floating
PIN 2	VCC	3.3V power	3.3VDC power
PIN 3	GND	ground	ground
PIN 4	RX	TTL serial port reception	TTL serial port reception
PIN 5	TX	TTL serial port transmission	TTL serial port transmission
PIN 6	D-	USB D-	USB D-
PIN 7	D+	USB D+	USB D+
PIN 8	GND	GROUD	ground
PIN 9	BEEPER	buzzer	Control external buzzer, Output high level pulse 60ms
PIN10	DLED	LED	Control external Indicator LED, Output high level pulse 100ms
PIN11	TEST2	floating	floating
PIN12	TRIG	Trigger signal	Trigger signal, low level available



Application Scenario



HHT,POS,PDA etc.



Cabinet for logistics



self order machine(KFC)

Technical Specification

HW-1251 Parameters

Reading performance	Image Sensor	CMOS
	Resolution	300k pixels,640*480
	Decoding capacity	Support paper and screen barcodes
		2D: QR,PDF417,Data Matrix, etc.
	Decoding capacity	1D: EAN13、EAN8、UPC-A、UPC-E0、UPC-E1、Code128、Code39、Code93、CodeBar 、Interleaved 2 of 5、Industrial 25、Matrix 2 of 5、Code11、RSS-14 etc. all normal 1D
	Precision	≥5mil(1D), ≥10mil(2D)
	Light Source	620nm Visible Red Diode, white LED for illumination
	View Angle	31° (H) x30° (V)
	Scan Angle	Rotation360° ,tilt±60° ,skew±60°
Mechanical and electrical	Min Contrast	30%
	Trigger Mode	Manual, Continuous, Motion detective, Host etc.
	Typical DOF	Code 128(15mil) 45-250mm EAN13(13mil)40-200mm
		QR code(15mil)40-180mm
	Typical DOF	Performance may be impacted by bar code quality and environmental conditions
Mechanical and electrical	Interface	TTL232,USB by 12pin FFC flat cable
	Working Voltage	DC 3.3V
	Current	190mA(Max) 120mA(working) 1mA(standby)
	Dimensions	21.4*12.5*11.8mm
	Weight	5g
	Indication	Buzzer & LED
Environment Request	Working Tem	-20~60℃
	Storage Tem	-40~70℃
	Humidity	5%-95%(Non-condensing)