

HW-1885

FEATURES & BENEFITS

- 300,000 pixels resolution
- Decoding min barcode density:5mil
- Motion tolerance 10-13cm/s
- Support 1D/2D barcode on paper and screen
- Decode long PDF 417(650bytes),large QR(1000bytes)
- Interface USB/USB COM,RS232, TTL232
- Small size, fast and convenient installation



Installation Dimensions and Interface definition

1. USB/USB COM interface

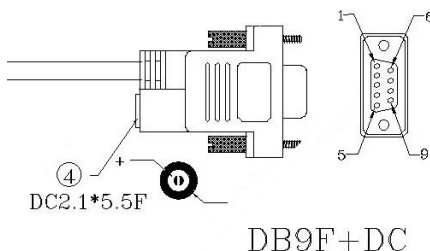
Standard USB type A connector, no need driver, plug and play
If USB COM, need to install a driver on host

2. RS232 interface

Use DB9 connector for power and data.

2.1 pin9 for power VCC

2.2 DC for power VCC



Pin definition:

Pin2: RXD (receiving signal)

Pin3: TXD (transmit signal)

Pin5: GND (Ground)

Pin9: VCC



Only 22mm thickness

With dust proof ring on the cable

Fixed by screws

Application Scenario



Kiosk



Cabinet for logistic



self-order machine



Self-service machine



Factory traceability



Vending machine

Technical Specification

HW-1885 Parameters

Reading performance	Image Sensor	CMOS
	Resolution	300,000 pixels,640*480pixels,30fps
	Decoding capacity	Support paper and screen barcodes
		2D: QR, Micro QR,PDF417, Micro PDF417, Data Matrix, Aztec
		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,Code 11,Industrial 25, Standard 25, Plessey Matrix 2 of 5 etc. all normal 1D
	Precision	5mil
	Light Source	Visible Green Diode, White LED for illumination
	View Angle	34° (H) x28° (V)
	Scan Angle	Rotation360°,tilt±55°,skew±55°
	Min Contrast	25%
Mechanical and electrical	Trigger Mode	Manual, Continuous, Auto sensing, Host Mode etc.
	Typical DOF	EAN13 (13mil) 50-200mm Code 39(5mil)40-90mm
		QR code(20mil)25-240mm PDF417(6.67mil)30-130mm
	Performance may be impacted by bar code quality and environmental conditions	
	Interface	RS232,TTL232,USB(HID-KBW,virtual serial port) optional
	Working Voltage	DC 5V
	Current	160mA(working) 25mA(USB standby) 2mA(TTL standby)
Environment Request	Dimensions	Plastic Housing 55(W)×45(D)×22(H)mm
		Metal Housing 67(W)×52(D)×29(H)mm
	Weight	Plastic 70g Metal 180g
	Indication	LED(fill light),Buzzer
Environment Request	Working Tem	-20~50℃
	Storage Tem	-40~70℃
	Humidity	5%-95%(Non-condensing)
	Light brightness	0-100000LUX