

### HW-1820C

#### FEATURES & BENEFITS

- Pixel resolution 640\*480
- Support 1D/2D barcode on paper and screen
- Support EM or Mifare card
- 8-12V DC power
- Support wiegand/USB/RS232/RS485
- Wall mounted installation method



# Technical Specification

## HW-1820C Parameters

Barcode Reading performance	Image Sensor	CMOS
	Resolution	300 thousand 640*480pixels
	Decoding capacity	Support paper and screen barcodes
		2D: QR, PDF417,Data Matrix code etc.
		1D:UPC-A, UPC-E, EAN-8, EAN-13, Code128, Code39, Code93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, China post etc.
	Barcode Density	8mil
	Light Source	624nm Visible red LED
	Scan Angle	Rotation360° ,tilt±45° ,skew±45°
	Min Contrast	30%
	Scanning Speed	200 times/s
Typical DOF	40-180mm(10mil code128) 45-200mm(20mil QR) Performance may be impacted by bar code quality and environmental conditions	
Card Reading Performance	RFID Frequency	13.56MHz or 125KHz
	Card Type	EM card or Mifare card
	Data format	Default 8 bit Hex(format customized, like 10 bit 10 system, 10 bit Hex)
	Reading Distance	30-60mm(depend on card type)
	Reading Rate	106K/Bit
	Reading Speed	0.1S
	Interval	0.5S
	Reading Time	≤100ms
Mechanical and electrical	Interface	USB(COM),RS232,RS485,Wiegand
	Working Voltage	DC 8-12V
	Current	800mA(working)
	Dimensions	86mm×86mm×18mm
	Weight	150g(NW)
Environment Request	Indication	Buzzer & LED
	Operation System	XP WIN7/8/10 LINUX
	Working Tem	-20~70℃
	Storage Tem	-40~85℃
	Humidity	5%-95%(Non-condensing)
	Light Immunity	0~10,000Lux