

HW-1520

FEATURES & BENEFITS

- 32-bit high performance CPU
- Decoding min barcode density:5mil
- Support 1D/2D barcode on paper and screen
- 13.56MHz NFC RFID is optional
- Interface TTL232 and USB(HID,COM)
- Decoding at low and high brightness environment
- Auto-sensing, Continuous, Host Mode
- Large window, small size, fast convenient installation



Application: Self-service machine, turnstile, access control, payment system, logistic carbonate etc.

Technical Specification

HW-1520 Parameters

Reading performance	Image Sensor	CMOS
	Resolution	640*480pixels 30fps
	Decoding capacity	Support paper and screen barcodes
		2D: QR,PDF417, , DATAMATRIX ,etc.
		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、RSS-Limited、RSS-Expanded etc. all normal 1D
	Precision	1D $\geq$ 5mil; 2D $\geq$ 10mil
	Light Source	White LED(6500K)
	View Angle	74° (H) x58° (V)
	Scan Angle	Rotation360° ,tilt $\pm$ 60° ,skew $\pm$ 60°
	Min Contrast	25%
	RFID	Support 13.56MHz NFC RFID
	Trigger Mode	Auto-sensing, Continuous, Host(programmable) Mode
Mechanical and electrical	Typical DOF	Code 128(6mil) 40-65mm ;QR code(20mil)12-220mm Performance may be impacted by bar code quality and environmental conditions
	Interface	TTL232 ,USB(HID, COM)
	Input Voltage	DC +3.3V ~ +5V ($\pm$ 5%)
	Working Current	140mA (working) @5VDC
	Dimensions	53.5*36*16mm
	Weight	15g(without cable)
Environment Request	Indication	Buzzer & LED
	Working Tem	-20~60℃
	Storage Tem	-40~70℃
	Humidity	5%-95%(Non-condensing)