



WNI-S530 data sheet

Scanning performance	Sensor	640×480 CMOS global shutter	
	light source	Warm yellow LED	
	Aim light source	Red line LED	
	Decode capacity	2D	QR Code, Micro QR,Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Hanxin code, Dotcode
		1D	Code128, EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN,
			Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GS1 DataBar, Plessey, Febraban, Composite
	Min resolution*		1D:4mil(0.101mm) 2D:7mil(0.178mm)
	Reading depth of field	EAN-13	45mm-390mm (13mil 13bytes)
		Code39	45mm-180mm (5mil 7 bytes)
		Code128	45mm-380mm (13mil 10 bytes)
		QR Code	20mm-220mm (15mil 30 bytes)
		Data Matrix	40mm-160mm (10mil 100 bytes)
		PDF 417	50mm-140mm (6.67mil 30 bytes)
	Min.PCS value	≥10% UPC/EAN 13 (13mil)	
	Decode angle	Tilt angle360, Skew angle±55° , Pitch angle±55°	
	Field of View	H 43° , V 33°	
Electrical Characteristics	Interface	TTL-232,USB (HID-KBW,VCP)	
	Measurement	70.34mm*83.66mm*170.44mm(L*W*H)	
	Weight	120g	
	Voltage	DC 3.3V	
	Working current	170mA	
	Standby current	70mA	
Environmental Characteristics	Working temp.	-20℃~+60℃	
	Storage temp.	-40℃~+70℃	
	Humidity	5%~95% (No condensation)	
	Ambient lighting	0~100,000LUX	

*Test conditions: ambient temperature=23 ℃ ; Environmental illumination=360LUX fluorescent lamp;
Use WINSON customized test codes for paper codes;

**Deviation angle test condition: test distance=(minimum depth of field+maximum depth of field)/2; 2D:
QR CODE; 10 Bytes;

Specifications are subject to change without prior notice