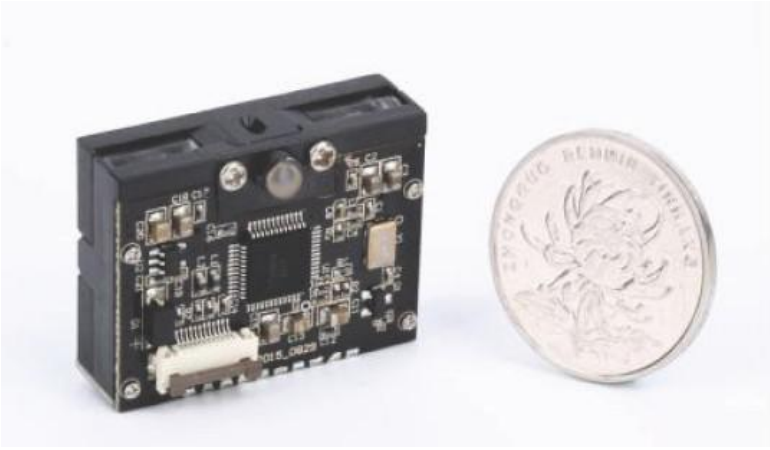
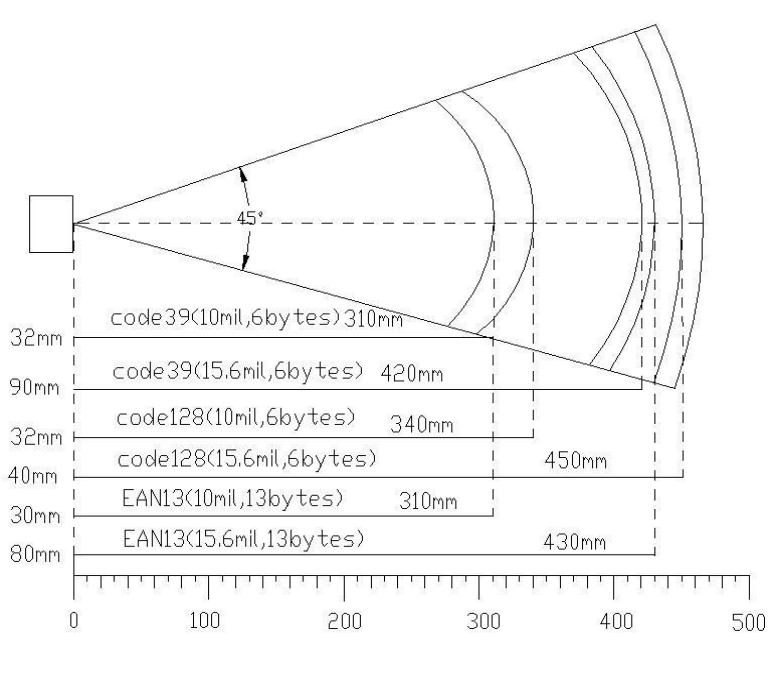


Para	Model	ER20 1D CCD Reader Scanner Module
Picture		
Product picture		
Performance Parameter		
Depth Filed	 <p>The diagram illustrates the scanner's field of view, which is a 45-degree cone. Below the cone, various barcode types are listed with their corresponding dimensions (height and length) in millimeters:</p> <ul style="list-style-type: none"> code39(10mil,6bytes) 310mm code39(15.6mil,6bytes) 420mm code128(10mil,6bytes) 340mm code128(15.6mil,6bytes) 450mm EAN13(10mil,13bytes) 310mm EAN13(15.6mil,13bytes) 430mm <p>A scale bar at the bottom ranges from 0 to 500 mm.</p>	
Optical Source	620nm Visible red light diode	
Imaging Sensor	CCD	
Resolution Ratio	2500 pixel	
Image Resolution	≥5mil	
Minimum Contrast	≥30%	
Barcode Types	Code128, EAN-13, EAN-8, Code39, UPC-A ,UPC-E, Codabar, Interleaved 2 of 5,ISBN, Code 93, UCC/EAN-128, GS1 Databar etc.	

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Decoding Speed		280times/s
Barcode Sensitivity	Tilt	±55°
	Rotate	±25°
	Deflection	±75°
Data Interface Port		FPC flat cable、 separation distance: 12*0.5mm
Compatible OS		Android, Windows, IOS, Linux
Mechanical and Electric Performance		
Size(Lengthxwidthx Height)		33.7*25.8*9.9mm
Weight(except cable)		9g
Indicator		Buzzer and LED light
Max Power		400mW
Working Voltage		DC 5V
Current	Max.Current	80mA
	Working Current	74mA
	Stand-by Current	24mA
Accessory List		
Date line	USB date line	
	RS232 data line	
Environmental Parameter		
Storage Temperature		-40°C ~ 60°C
Working Temperature		0°C ~ 50°C
Relative Humidity		0 ~ 95%
Certificates		
CE,RoHS,EMC,LVD, ISO9001:2008, ISO14001:2004		
**Test condition: Code 39, 3 Bytes ; The minimum of barcode width = 10mil; width to narrow ratio = 2.5:1 ; barcode height = 40mm; Test Distance = 180mm;Environment Temperature=25°C ; Environment Illumination= 200 LUX		