



# Description

ccd barcode scanner head,ccd barcode reader head,mini barcode scanner ER20 is designed for a handheld barcode scanner or barcode scanner module use.

Support interface customization and easily read all 1d barcode.

Drop resistance and able to read modile and tablet pc barcode.



# Specification

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.
Decoding Speed		280times/s
Barcode Sensitivity	Tilt	±55°
	Rotate	±25°
	Deflection	±75°
Data Interface Port		FPC flat cable 、 separation distance: 12°0.5mm
Mechanical and Electric Performance		
Size(Length x Width x Height)		33.7×25.8×9.9mm
Weight (except cable)		9g
Indicator		buzzer and LED light
Max.Power		400mw
Working Voltage		DC5V
Current	Max.Current	80ma
	Working Current	74ma
	Stand-by Current	24ma
	Sleeping Current	—
Accessory List		
Data line	USB data line	
	RS232 data line	
Environmental Parameter		
Storage Temperature		-40°C ~ 60°C
Working Temperature		0°C ~ 50°C
Relative Humidity		0 ~ 95%



# Factory



# Certification



# CERTIFICATE OF REGISTRATION

Certificate No.: 117 14 QU 0252-12 R05  
This is to certify the quality management systems of

**Shenzhen World Reputation Electronics Technology Co., LTD**

Organization code 30608924-7

Location 6F, Xingqiang Commercial Mansion, No. 1 Dezheng Road, Shilong Community, Shiyan Street, Baoan District, Shenzhen

has been assessed and registered as meeting the requirements of ISO9001:2008

Scope of approval  
R&D, Production of Barcode Scanning Identification Equipment

Signed by:

Approval Date: 26 Dec. 2014  
Expiry Date: 25 Dec. 2017

Shenzhen Inceer Certification Assessment Services Co., Ltd.  
China National Accreditation Administration of Conformity Assessment Services (CNAS) No. 1104  
Tel: 86-755-83221782  
Fax: 86-755-83221783  
Web: www.inceer.com  
Add: Room 601, Xingqiang Mansion, 10001 West Zhongshan Rd.,  
Shiyan Street, Baoan District, Shenzhen, 518102



The certificate information can be checked on the CNCA website: WWW.CNCA.GOV.CN. The validation of the certificate also can be obtained through www.inceer.com or by calling 83221782 (Shenzhen Inceer). This certificate is only valid when used together with related permits unless otherwise specified. This certificate holder must successfully pass yearly performance audits to maintain the validity of the certificate after the certificate approval date. The Certificate retains the property of ICAQ, so when it must be replaced if the management systems of the certificate holder is approved to fail to be in conformity with the certification standard.



# CERTIFICATE OF REGISTRATION

Certificate No.: 117 14 EI 0796 R05  
This is to certify the environmental management systems of

**Shenzhen World Reputation Electronics Technology Co., LTD**

Organization code 30608924-7

Location 6F, Xingqiang Commercial Mansion, No. 1 Dezheng Road, Shilong Community, Shiyan Street, Baoan District, Shenzhen

has been assessed and registered as meeting the requirements of GB/T24001-2004/ISO14001:2004

Scope of approval  
The Related Environmental Management Activities of R&D, Production of Barcode Scanning Identification Equipment for Shenzhen World Reputation Electronics Technology Co., LTD Located in 6F, Xingqiang Commercial Mansion, No. 1 Dezheng Road, Shilong Community, Shiyan Street, Baoan District, Shenzhen

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