1D CCD Scan Engine Barcode Reader YT-ER20

Description

YT-ER20 is the first generation miniature CCD scan engine made by Yumite with the same compact form factor and upgraded 32-bit microprocessor. The new model has a sharper scanning performance and supports standard serial, USB interface, and USB virtual COM port.

It can be easily integrated without modifying existing hardware platform in most cases. Featuring one of the smallest footprints available and two mounting holes reserved, YT-ER20 is designed for effortless integration into most data capture applications.

Yumite Promise You

Specification

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.
Decoding Speed		280times/s
Barcode Sensitivity	Tilt	±55°
	Rotate	±25°
	Deflection	±75°
Data Interface Port		FPC flat cable separation distance12*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%
Certificates		
CE,RoHS,EMC,LVD、ISO9001:2008、ISO14001:2004		

Certification

CERTIFICATE OF REGISTRATION

Certificate No.: 117 14 QU 0252-12 R0S

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

CERTIFICATE OF REGISTRATION

Certificate No.: 117 14 E1 0796 R0S

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

Signed by:

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

Certificate of Compliance

Certificate Number: UNI2014122403RC-3

Applicant	:	**Shenzhen World Reputation Electronics Technology Co., Ltd.** 6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road, Shilong Community, Shiyan, Bao'an District, Shenzhen
Manufacturer	:	**Shenzhen World Reputation Electronics Technology Co., Ltd.** 6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road, Shilong Community, Shiyan, Bao'an District, Shenzhen
Product	:	**Bar-code Scanner**
Trade Name	:	**Yumite**
M/N	:	**YT-1000, YT-760, YT-760A, YT-760B, YT-M200, YT-1100A, YT-1100B, YT-M300, YT-2000, YT-2100A, YT-2100B, YT-M400, YT-XXXX**

Test Standard: **IEC62321:2013**

The EUT described above has been consolidated by us and found in compliance with the council RoHS Directive 2011/65/EU. It is only valid in connection with the test report number: UNI2014122403RR-3.

RoHS

2014-12-24
Date of issue

Shenzhen United Testing Technology Co., Ltd.
Room 317-319, Block 1, University Town Technology Park,
5th Zone, South Section, Honghualing Industrial Park,
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http://www.uni-lab.hk E-mail:hoffertau@uni-lab.hk

EC-R&TTE Certificate

Certificate Number: UNI2014122403EC-1

Applicant	:	**Shenzhen World Reputation Electronics Technology Co., Ltd.** 6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road, Shilong Community, Shiyan, Bao'an District, Shenzhen
Manufacturer	:	**Shenzhen World Reputation Electronics Technology Co., Ltd.** 6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road, Shilong Community, Shiyan, Bao'an District, Shenzhen
Product	:	**Bar-code Scanner**
Trade Name	:	**Yumite**
M/N	:	**YT-1300, YT-860, YT-1200, YT-1400, YT-1500, YT-2200, YT-2300, YT-2400, YT-2500, YT-XXXX**

Essential requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art.3.1(a)	Health	Not assessed		
Art.3.1(a)	Safety	EN60950-1	UNI2014122403SR-1	Pass
Art.3.1(b)	EMC	ETSI EN301 489-1/-3	UNI2014122403ER-1	Pass
Art.3.2	Radio	ETSI EN300 440	UNI2014122403ER-2	Pass

The EUT described above has been tested by us with the listed standards and found in compliance with the council R&TTE directive 99/5/EC. It is possible to use CE marking to demonstrate the compliance with this Directive.
The scope of evaluation relates to the submitted documents only.

CE

2014-12-24
Date of issue

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