#### 1D CCD Scan Engine Barcode Reader YT-ER20



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







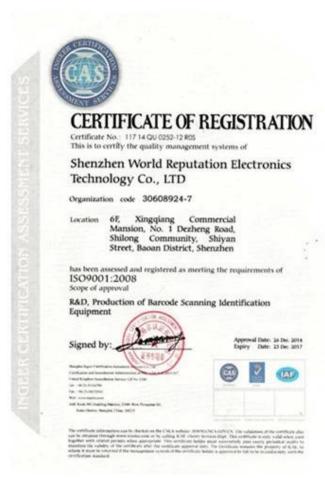
# Specification

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 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
	Max.Current	80ma
	Working Current	74ma
Current	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[ISO14	001:2004	



## Certification







## Certificate Compliance

Certificate Number: UNIZ014123403RC-3

Applicant

Shenzhen World Raputation Electronics Technology Co., Ltd. 6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road, Shiong Community, Shyan, Savan District, Shenzhen Shenzhen World Reputation Electronics Technology Co., Ltd. 6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road, Shiong Community, Shiyan, Bao'an District, Shenzhen Bar-code Scanner

YUMBB YT-1000, 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 Drective 2011/95/EU. It is only valid in connection with the test report number: UNI2014122403RR-3.

2014-12-24



**RoHS** 

Sherizhen United Testing Technology Co., Ltd. Room 177-316, Block 1, University Toer Technology Park. 197-20ms. South Section, University Toer Technology Park. Namiyam Diserct. Strendmen. PRC. 516098 Tuk-190-318-8110





#### **EC-R&TTE** Certificate

Certificate Number: UNIZEL4122403EC-1

UNI2014122403ER-2

Applicant

Shenzhen World Reputation Electronics Technology Co., Ltd.
5F. B Building, B Area, Xingqiang Business Building, No. 1, Dezheng Road, Shiriong Community, Shiyan, Bao an District, Shenzhen Shenzhen World Reputations Electronics Technology Co., Ltd.
6F. B Building, B Area, Xingqiang Business Building, No. 1, Dezheng Road, Shiriong Community, Shiyan, Bao an District, Shenzhen Bar-code Scanner
Vivorite

Art.1.2 Radio

Yumits YT-1300, YT-880, YT-1200, YT-1400, YT-1500, YT-2200, YT-2300, YT-2400, YT-2500, YT-XXXX

ETSI EN300 440

Essential requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art.3.1(a)	Health	Not assessed		
Art.3.1(a)	Safety	EN60950-1	UNI20141224035R-1	Pass
Art.3.1(b)	EMC	ETSI EN301 489-1/-3	UNI2014122403ER-1	Pass

The EUT described above has been tested by us with the listed standards and found in compliance with the council RATTE 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.

2014-12-24

Date of issue



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