

# Wired 2D Barcode Scanner Module Yumite YT-M401



## Description

**Yumite**

YT-M401 is a 2D mini wired barcode module which is small and exquisite can easily integrated into various Kiosks, ticketing machines, ATM, PDA, POS etc.

- 1. Support Micro QR code**
- 2. Better Speed**
- 3. Zero Error**
- 4. Customization**

## Specification

**Yumite**

Performance Parameter	
Infrared induction distance	150 - 200mm
Optical Source	620nm Visible red light diode
Imaging Sensor	CMOS(Image)
Resolution Ratio	752×480
Image Resolution	≥ 5mil

Reading Depth	Code 39	40mm -280mm(10mil); 85mm~325mm(15mil)
	PDF417	60mm -225mm(10mil); 60mm~340mm(15mil)
	Data Matrix	20mm -155mm(10mil); 35mm~235mm(15mil)
	QR Code	35mm -150mm(10mil); 20mm~230mm(15mil)
Minimum Contrast		≥ 30%
Barcode Types	2D	PDF417, QR Code(Model 1/2),micro QR Data Matrix(ECC200, ECC000,050, 080, 100,140).
	1D	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey etc.
Decoding Speed		300times/s
Barcode Sensitivity	Tilt	±55°
	Rotate	±360°
	Deflection	±55°
Data Interface Port		TTL or RS232
three trigger mode		1.Auto-trigger 2.RS232 trigger 3. IO signal trigger
Mechanical and Electric Performance		
Size(Length x Width x Height)		70.3×50×22.4 mm
Weight		47g
Indicator		Siren and LED light
Max.Power		1150mw
Working Voltage		DC5V
Current	Max.Curren	230ma
	Working Current	100ma
	Stand-by Current	50ma
Accessory List		
Data line	RS232(1.8M)	
	2.54mm flex cable□1.2m□	
	IO control cable	
Operation Manual		one
Environmental Parameter		
Storage Temperature		-40°C ~ 60°C
Working Temperature		-25°C ~ 60°C
Relative Humidity		0 ~ 95%
Height Range		2m
IP Rating		IP52
Certificates		
CE,RoHS,EMC,LVD□ISO9001:2008□ISO14001:2004		

**Certification**

**Yumite**



# 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 United Testing Technology Co., Ltd.  
Certification and Accreditation Administration of China  
Shenzhen United Testing Technology Service Co., Ltd.  
Tel: +86-755-26124392  
Fax: +86-755-26124393  
Web: www.untt.com.cn  
Add: Room 317-319, Block 1, University Town Technology Park, Nanshan District, Shenzhen, P.R.C. 518055



The certificate information can be checked on the CAS website: WWW.CAS.CN/CAS. The validity of the certificate also can be obtained through www.untt.com.cn or by calling R&D client services Dept. This certificate is only valid when used together with related products unless otherwise. This certificate holder must systematically pass yearly performance audit to maintain the validity of the certificate after the certificate approval date. The Certificate remains the property of CAS, so when it must be returned 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

Signed by:

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

Shenzhen United Testing Technology Co., Ltd.  
Certification and Accreditation Administration of China  
Shenzhen United Testing Technology Service Co., Ltd.  
Tel: +86-755-26124392  
Fax: +86-755-26124393  
Web: www.untt.com.cn  
Add: Room 317-319, Block 1, University Town Technology Park, Nanshan District, Shenzhen, P.R.C. 518055



The certificate information can be checked on the CAS website: WWW.CAS.CN/CAS. The validity of the certificate also can be obtained through www.untt.com.cn or by calling R&D client services Dept. This certificate is only valid when used together with related products unless otherwise. This certificate holder must systematically pass yearly performance audit to maintain the validity of the certificate after the certificate approval date. The Certificate remains the property of CAS, so when it must be returned if the management systems of the certificate holder is approved to fail to be in conformity with the certification standard.



# Certificate of Compliance

Certificate Number: UN2014122403RC-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: UN2014122403RR-3.

2014-12-24  
Date of issue



# RoHS

Shenzhen United Testing Technology Co., Ltd.  
Room 317-319, Block 1, University Town Technology Park,  
5<sup>F</sup> Zone, South Section, Hongshuang Industrial Park,  
Nanshan District, Shenzhen, P.R.C. 518055  
Tel: +86-755-86180096 Fax: +86-755-86180156  
http://www.untt.com.cn E-mail: info@untt.com.cn



# EC-R&TTE Certificate

Certificate Number: UN2014122403EC-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-880, 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	UN2014122403RR-1	Pass
Art.3.1(b) EMC	ETSI EN301 489-1/3	UN2014122403RR-1	Pass
Art.3.2 Radio	ETSI EN300 440	UN2014122403RR-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.

2014-12-24  
Date of issue



# CE

Shenzhen United Testing Technology Co., Ltd.  
Room 317-319, Block 1, University Town Technology Park,  
5<sup>F</sup> Zone, South Section, Hongshuang Industrial Park,  
Nanshan District, Shenzhen, P.R.C. 518055  
Tel: +86-755-86180096 Fax: +86-755-86180156  
http://www.untt.com.cn E-mail: info@untt.com.cn



Our factory

**Yumite**

