







# Description

2D barcode scanner module YT-M401 is for self-service terminal use and five interface customization.

Shenzhen World Reputation Electronics Technology Co.,Ltd

Model	YT-M401-A	YT-M401-B	YT-M401-C	YT-M401-D
Picture				
IO Trigger	NO	NO	YES	YES
RS232 Trigger	YES	NO	YES	NO
Auto Trigger	YES	YES	NO	NO
Data line	RS232	2.54mm flex cable	RS232& IO control cable	2.54mm flex cable & IO control cable



# Specification

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	
<b>Mechanical and Electric Performance</b>		
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



## Certificate of Compliance

Certificate Number: UN2014122403RC-3

<b>Applicant</b>	1 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
<b>Manufacturer</b>	1 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
<b>Product</b>	1 Bar-code Scanner
<b>Trade Name</b>	1 Yumita
<b>M/N</b>	1 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



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## EC-R&TTE Certificate

Certificate Number: UN2014122403EC-1

<b>Applicant</b>	1 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
<b>Manufacturer</b>	1 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
<b>Product</b>	1 Bar-code Scanner
<b>Trade Name</b>	1 Yumita
<b>M/N</b>	1 YT-1300, YT-860, YT-1200, YT-1400, YT-1600, 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	UN2014122403SR-1	Pass
Art.3.1(b) EMC	ETSI EN301 489-1/3	UN2014122403ER-1	Pass
Art.3.2 Radio	ETSI EN300 440	UN2014122403ER-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  
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# Factory

