



## Description

2D módulo de escáner de código de barras YT-M401 es para el autoservicio uso de terminales y cinco personalización de la interfaz.

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&<br>IO control cable                                                         | 2.54mm flex cable &<br>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                                                                                                                                                                      |
| 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



## Certificate of Compliance

Certificate Number: UN12014122403RC-3

|                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applicant</b><br><br><b>Manufacturer</b><br><br><b>Product Trade Name M/N</b> | 1 Shenzhen World Reputation Electronics Technology Co., Ltd.<br>6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road,<br>Shilong Community, Shiyao, Bao'an District, Shenzhen<br>1 Shenzhen World Reputation Electronics Technology Co., Ltd.<br>6F, B Building, B Area, Xingqiang Business Building, No.1, Dezheng Road,<br>Shilong Community, Shiyao, Bao'an District, Shenzhen<br>1 Bar-code Scanner<br>1 Yumite<br>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-JXXX |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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: UN12014122403RR-3.

2014-12-24

Date of issue

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# RoHS





## EC-R&TTE Certificate

Certificate Number: UN12014122403REC-1

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

| 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-1     | 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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# CE







# Factory

