

CCD scan engine YT-M301



Yumite

Description

Yumite

The CCD scan engine can decode nearly any kinds of 1D (striped) barcode in your project using this adorable compact barcode scanner. We've looked all over for a small, light, lowpower scanner module that can be easily integrated. This OEM ccd scanner engine can easily be integrated into various Kiosks, ticketing machines, ATM, PDA, POS etc. Or connect with Android/ Iphone to scan directly.

Feature

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The YT-M301 CCD scan engine is all in one scanner module which is the simplest we could find.

On the end is just a USB cable, plug it into any computer and start to decode within one second.

This QR scanner supports RS232 and USB interface socket. More interface requirements are negotiable.

Specification

Yumite

| | | |
|--|--|---------|
| Para | Model | YT-M301 |
| Image | | |
| Image | | |
| Performance Parameter | | |
| Depth Filed | | |
| Wireless Transmitting Distance (without barrier) | — | |
| Infrared induction distance | 150 - 200mm | |
| Optical Source | 620nm Visible red light diode | |
| Imaging Sensor | CCD | |
| Image Resolution | 2500Pixel | |
| Reading Precision | ≥ 5mil | |
| Minimum Contrast | ≥ 30% | |
| Decoding Capacity | Code128, EAN-13, EAN-8, Code39,UPC-A, UPC-E, Codabar, Interleaved 2 of 5,ISBN, Code 93, UCC/EAN-128, GS1 Databar, ect. | |
| Decoding Speed | 280times/second | |
| Barcode Sensitivity | Tilt | ±55° |
| | Rotate | ±25° |
| | Deflection | ±75° |
| Data Interface | micro usb | |
| Mechanical and Electrical Performance | | |
| Size(Length x Width x Height) | 50×37.3×21.7 mm | |
| Weight | 27g | |
| Indicator | Siren and LED light | |
| Battery Capacity | — | |
| Max.Power | 700mw | |
| Working Voltage | DC5V | |
| Current | Max.Current | 140ma |
| | Working Current | 90ma |
| | Standby Current | 45ma |
| | Sleeping Current | — |
| Charging Current | — | |
| Accessory List | | |
| Data Cable | Micro USB | |
| Wireless Receiver | — | |
| CD | — | |
| Operation Manual | 1 | |
| Charge Station | — | |
| Environmental Parameter | | |
| Storage Temperature | -40°C ~ 60°C | |
| Working Temperature | 0°C ~ 50°C | |
| Relative Humidity | 0 ~ 95% | |
| Height Range | 1.5M | |
| IP Rating | IP52 | |
| Certification | | |
| CE,RoHS,EMC,LVD, ISO9001:2008,ISO14001:2004 | | |

INGER CERTIFICATION ASSESSMENT SERVICES



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



Wanghui Super Certification Assessment Service
Certification and Assessment Administration
China England Accreditation Service (UK No. 038)
Tel: +86 20 82232942
Fax: +86 20 82232942
Web: www.caschina.com
Add: Room 602, Xingqiang Mansion, 1208 West Zhongshan Rd.,
Fubin District, Guangzhou, China 510217

The certificate information can be checked on the CAS website: WWW.CAS.CN/CN/CN. The validation of the certificate also can be obtained through www.caschina.com or by calling CAS Client Services Dept. This certificate is only valid when used together with related permits unless otherwise specified. This certificate holder must successfully pass yearly periodical audits to maintain the validity of the certificate after the certificate approval date. The certificate assumes the property of CAS, to which it must be returned if the management systems of the certificate holder is approved not to be in conformity with the certification standard.

INGER CERTIFICATION ASSESSMENT SERVICES



CERTIFICATE OF REGISTRATION

Certificate No.: 117 14 E1 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



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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 2011/95/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,
5th Zone, South Section, Hongshuang Industrial Park,
Nanshan District, Shenzhen, PRC, 518055
Tel: +86-755-88130096 Fax: +86-755-88180138
<http://www.lnt.com.cn> E-mail: info@lnt.com.cn



EC-R&TTE Certificate

Certificate Number: UN2014122403REC-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-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 | UN2014122403ER-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
Date of issue



CE



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Our factory

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