micro usb wired ccd barcode scaner moudle scan engine YT-M301



Description



The CCD scan engine can decode nearly any kinds of 1D (striped) barcode in your project usi ng this

adorable compact barcode scanner. We've looked all over for a small, light, lowpower scanne r module that can be easily integrated. This OEM ccd scanner engine can easily integrated int o various Kiosks, ticketing machines, ATM, PDA, POS etc. Or connect with Android/ Iphone to scan directly.





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 seco nd.

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

Specification



Image	Para	Model	YT-M301		
Depth Filed 30m code/39(10)(4,6yrtes) 3(30m) 99m code/39(10)(4,6yrtes) 3(30m) 430m) 99m code/39(10)(4,6yrtes) 3(30m) 450m) 30m code/39(10)(4,6yrtes) 3(30m) 450m) 40m EAR(3)(1,5yrtes) 3(30m) 430m) 90m code/39(10)(4,6yrtes) 3(30m) 430m) 90m EAR(3)(1,5yrtes) 3(30m) 430m) 90m Code(30,13yrtes) 3(30m) 430m) 90m EAR(3)(1,5yrtes) 3(30m) 430m) 90m Code(30,13yrtes) 3(30m) 430m) 90m Code(20,13yrtes) 3(30m) 430m) 90m Code(30,13yrtes) 3(30m) 430m) 90m Code(Image				
apprint Na 30nn code 39(156nl,6bytes) 420nn 90nn code 128(156nl,6bytes) 430nn 40nn code 128(156nl,6bytes) 430nn 90nn EAN13(106.1300tes) 430nn 0 100 200 300 400 90nn EAN13(156.nl,5bytes) 430nn 400n 100 200 300 400 500 Wireless Transmitting Distance (without barrier) — Infrared induction distance 0 100 200 300 400 500 Poptical Source 620nm Visible red light diode Image Resolution 2500Pixel Reading Precision 2 5mil Minimum Contrast ≥ 30% Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 90, UCC/EAN-128, GS1 Databar, ect.			Performance Parameter		
(without barrier) ———————————— Infrared induction distance 150 - 200mm Optical Source 620nm Visible red light diode Imaging Sensor CCD Imaging Sensor CCD Reading Precision 2 50mil Minimum Contrast 2 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 200times/second Barcode Titl Rate ±25° Rotate ±25° Data Interface micro usb Mechanical and Electric! 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 DCSV Current Max.Current Variange Decestre ——— Charging Current 40ma Steeping Current ——— Charging Current Accessory List	Depth Filed		32mm code39(15.6mil,6bytes) 420mm 90mm code128(10mil,6bytes) 340mm 32mm code128(10mil,6bytes) 340mm 40mm code128(15.6mil,6bytes) 450mm 30mm EANI3(10mil,13bytes) 310mm 80mm EANI3(15.6mil,13bytes) 430mm		
Infrared induction distance 150 - 200mm Optical Source 620mm Visible red light diode 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 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5,ISBN, Code 39, UPC-A, UPC-E, Codabar, Decoding Speed 280times/second Barcode Tilt ± 455° Rotate ± 25° Deflection ± 75° Data Interface micro usb Mechanical and Electric! Performance Size(Length x Width x Height) 50×37,3×21,7 mm Weight 27g Indicator Siren and LED light Battery Capacity Max.Current 140ma Working Voltage DcS5V Max.Current 45ma Standby Current Standby Current Standby Current Max.Current Standby Current Operation Manual 1 C					
Optical Source 620nm Visible red light diode 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, UPC-A, UPC-E, Codabar, ed. Decoding Speed 280times/second Barcode 11t Barcode 11t Barcode 280times/second Barcode 280times/second Barcode 275° Deflection ±75° Minimum Constrate micro usb Mechanical and Electric! Performance Size(Length x Width x Height) Solar or Siren and LED light Battery Capacity Max.Power 700mw Working Current 90ma Standby Current 40ma Sileeping Current Current Micro USB Sileeping Current Charge Station 1 <td></td> <td></td> <td>150 - 200mm</td>			150 - 200mm		
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 Tilt Rotate ±25° Deflection ±75° Data Interface micro usb Mechanical and Electricl Performance Size(Length x Width x Height) Size(Length x Width x Height) 50×37.3×21.7 mm Weight 27g Indicator Siren and LED light Battroy Capacity Max.Power 700mw Working Voltage DCSV Working Current 90ma Standby Current 90ma Standby Current Max Courent 45ma Standby Current Micro USB Micro USB Oberation Manual 1 Charges Temperature Corrent		ustance			
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 Barcode Sensitivity Till ±55° Data Interface micro usb Mechanical and Electric! Performance Size(Length x Width x Height) Size(Length x Width x Height) 50×37.3×21.7 mm Weight 27g Indicator Siren and LED light Battry Capacity —— Max.Power 700mw Working Voltage DC5V Working Current 40ma Standby Current 90ma Standby Current 90ma Standby Current 45ma Standby Current —— Micro USB —— Micro USB —— Charging Current —— Standby Current —— Standby Current —— Operation Manual 1 Charging Current —— Greage temperat	Imaging Sensor		CCD		
Minimum Contrast ≥ 30% Decoding Capacity Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5,ISBN, Code 93, UCC/EAN-128, GS1 Databar, ect. Decoding Sped 280times/second Barcode Sensitivity Titt 455° Data Interface micro usb Mechanical and Electric! 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 DCSV Working Voltage DCSV Current 140ma Working Current 90ma Standby Current 90ma Standby Current —— Charging Current —— Accessory List —— Data colse —— Wireless Receiver —— CD —— CD —— CD —— CD —— CD —— Charge Station —— CD —— CD —— Charge Station —— CD —— CD —— CD					
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° Data Interface micro usb Mechanical and Electricl Performance Size(Length x Width x Height) Size(Length x Width x Height) Wichart Siren and LED light Battery Capacity Current Adx.Current Max.Power 700mw Working Voltage DC5V Working Current 90ma Standby Current 45ma Sleeping Current Accessory List Data Cable Enironmental Parameter Storage Temperature Advice ~ 60°C Working Temperature Or Enironmental Parameter Storage Temperature Advice ~ 60°C Wireless Receiver					
Barcode Sensitivity Tilt Rotate ±55° Data Interface			Code128, EAN-13, EAN-8, Code39,UPC-A, UPC-E, Codabar,		
Barcode Sensitivity Rotate ±25° Deflection ±75° Data Interface micro usb Mechanical and Electricl Performance Size(Length x Width x Height) Size(Length x Width x Height) Size(Length x Width x Height) Wechanical and Electricl Performance Size(Length x Width x Height) Size(Length x Height) Size(Length x Width x Height) Mechanical and Electricl Performance Size(Length x Height) Max.Ower Conver Max.Ower Current Max.Current Micro USB Current Current Micro USB Current Micro USB Current	Decoding Speed		280times/second		
Sensitivity Notate Deflection 125° (Deflection Data Interface micro usb Mechanical and Electricl Performance Size(Length x Width x Height) 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 Max.Current 140ma Working Voltage DC5V Current Max.Current Working Current 90ma Standby Current 90ma Steeping Current —— Charging Current —— Accessory List —— Micro USB —— Operation Manual 1 Charge Temperature —— Corrent —— CD —— Operation Manual 1 Charge Station —— Enironmental Parameter —— Storage Temperature -40°C ~ 60°C <td></td> <td></td> <td></td>					
Data Interface micro usb Mechanical and Electricl 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 Max.Current 140ma Working Voltage 90ma Current Working Current Max.Current 45ma Standby Current —— Charging Current —— Standby Current —— Accessory List —— Micro USB —— Operation Manual 1 Charge Temperature —— Storage Temperature 40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IPS2	Sensitivity				
Mechanical and Electricl 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 140ma Working Current 90ma Standby Current 90ma Sleeping Current —— Charging Current —— Data Cable Micro USB Wireless Receiver —— CD —— Operation Manual 1 Charge Station —— Storage Temperature 40°C ~ 60°C Working Temperature 0° ~ 95% Height Range 1.5M IP Rating IP52		Scheouon			
Weight 27g Indicator Siren and LED light Battery Capacity Max.Power 700mw Working Voltage DC5V Current Max.Current Working Current 90ma Standby Current 90ma Steleping Current 90ma Standby Current 45ma Sleeping Current Charging Current Micro USB Operation Manual 1 Charge Station Storage Temperature Storage Temperature Working Temperature 0°°C Working Temperature 0°°C Height Range 1.5M IP Rating IP52					
Indicator Siren and LED light Battery Capacity —— Max.Power 700mw Working Voltage DC5V Current Max.Current Working Current 90ma Standby Current 90ma Steeping Current 45ma Sleeping Current —— Charging Current —— Standby Current —— Standby Current —— Standby Current —— Charging Current —— Data Cable Micro USB Operation Manual 1 Charge Station —— Enironmental Parameter Storage Temperature 40°C ~ 60°C Working Temperature 0° ~ 95% Height Range 1.5M IP Rating IP52	Size(Length x W	/idth x Height)	50×37.3×21.7 mm		
Battery Capacity Max.Power 700mw Working Voltage DC5V Current Max.Current Working Current 90ma Standby Current 90ma Steeping Current 90ma Sleeping Current Charging Current Sleeping Current Accessory List Data Cable Micro USB Wireless Receiver CD Operation Manual 1 Charge Station Enironmental Parameter Storage Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52	Weight		27g		
Max.Power 700mw Working Voltage DC5V Current Max.Current Working Current 90ma Standby Current 90ma Standby Current 45ma Steeping Current Charging Current Charging Current Accessory List Data Cable Micro USB Wireless Receiver CD Operation Manual 1 Charge Station Enironmental Parameter Storage Temperature -40°C ~ 60°C Working Temperature 0° 25% Height Range 1.5M IP Rating IP52	Indicator		Siren and LED light		
Working Voltage DC5V Rurent 140ma Working Current 90ma Standby Current 90ma Stepping Current 45ma Sleeping Current Charging Current Charging Current Charging Current Charging Current Data Cable Micro USB Data Cable Wireless Receiver CD Operation Manual 1 Charge Station Storage Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52		/			
Max.Current 140ma Working Current 90ma Standby Current 90ma Steeping Current 45ma Sleeping Current —— Charging Current —— Charging Current —— Charging Current —— Charging Current —— Data Cable Micro USB Wireless Receiver —— CD —— Operation Manual 1 Charge Station —— Enironmental Parameter Storage Temperature Storage Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0° ~ 95% Height Range 1.5M IP Rating IP52					
Working Current 90ma Standby Current 45ma Steeping Current Charging Current Charging Current Charging Current Accessory List Data Cable Wireless Receiver CD Operation Manual 1 Charge Temperature Storage Temperature Working Temperature 0°C ~ 60°C Working Temperature 0°C ~ 50°C Working Temperature 1.5M Height Range 1.5M IP Rating IP52					
Standby Current 45ma Sleeping Current Charging Current Accessory List Data Cable Micro USB Operation Manual CD Operation Manual 1 Charge Station Storage Temperature Working Temperature 0°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52					
Charging Current Accessory List Data Cable Micro USB Wireless Receiver CD Operation Manual 1 Charge Station Enironmental Parameter Storage Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52	Current	Standby Current			
Accessory List Data Cable Micro USB Wireless Receiver —— CD —— Operation Manual 1 Charge Station —— Enironmental Parameter Storage Temperature Vorking Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52			,		
Micro USB Data Cable —— Wireless Receiver —— CD —— Operation Manual 1 Charge Station —— Enironmental Parameter Storage Temperature Vorking Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0° ~ 95% Height Range 1.5M IP Rating IP52	Charging Currer	n.			
Image: CD Image: CD Operation Manual 1 Charge Station Enironmental Parameter Storage Temperature O°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52	Data Cable				
CD Operation Manual 1 Charge Station Enironmental Parameter Storage Temperature Working Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52					
Operation Manual 1 Charge Station Enironmental Parameter Storage Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52		ver			
Charge Station —— Enironmental Parameter Storage Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52		al			
Storage Temperature -40°C ~ 60°C Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52					
Working Temperature 0°C ~ 50°C Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52	<u> </u>				
Relative Humidity 0 ~ 95% Height Range 1.5M IP Rating IP52					
Height Range 1.5M IP Rating IP52					
IP Rating IP52	Height Range				
Certification			IP52		
CE,RoHS,EMC,LVD, ISO9001:2008,ISO14001:2004			Certification		

Certification

Yumite

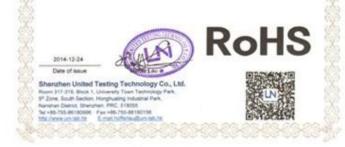


LN Certificate Compliance

		Certificate Number: UNI2014123403RC-3
Applica		Shenzhen World Reputation Electronics Technology Co., Ltd. 6 ⁶ , B Building, B Area, Xinggiang Business Building, No.1, Dezheng Road,
Manuta		Shlong Community, Shiyan, Bacian District, Shenshen Shershen World Reputation Electronics Technology Co., Ltd. 07, 8 Building, B Area, Xinggiang Business Building, No.1, Dezheng Road, Shlong Community, Shiyan, Bacian District, Shenzhen Shlong Community, Shiyan, Bacian District, Shenzhen
Produc	4) [-a])	Bar-code Scanner
Trade N		Yumite
MN	(4)	YT-1000, YT-760, YT-760A, YT-760B, YT-M200, YT-1100A, YT-1100B, YT- M360, YT-2000, YT-2100A, YT-2100B, YT-M400, YT-XXXX
V		

Test Standard: IEC62321:2013

The EUT described above has been consolidated by us and found in compliance with the council RoHS Directlys 2011/65/EU. It is only valid in connection with the test report number. UNI2014122403RR-3.



LN **EC-R&TTE** Certificate

	Certificate Number: UN32614122483EC-1
Applicant	Shenzhen World Reputation Electronics Technology Co., Ltd. 6F. 8 Building, B Area, Xingsiang Business Building, No.1, Dezheng Road, Shilong Community, Shiyan, Bao'an District, Shenzhen
Manufacturer	 Bhenzhen World Reputation Electronics Technology Co., Ltd. 6F, B Suiden, B Area, Xingqiang Business Building, No.1, Dezheng Road, Shilong Community, Shiyan, Dea an District, Ebenzhen
Product	Bar-code Scanner
Trade Name	Yumite
M/N	TT-1300, YT-880, YT-1200, YT-1400, YT-1500, YT-2200, YT-2300, YT-2400,
0	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	UNI20141224035R-1	Pass
Art.3.1(b)	EMC	ETS/ EN301 480-1/-3	UNI2014122403ER-1	Pass
A4.3.2	Radio	ETSI EN300 440	UNI2014122403ER-2	Pass

The EUT described above has been tested by us with the lated standards and found in complia with the council R&TTE directive \$905/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 Shenzhen United Testing Technology Co., Ltd. Russ 11/316 Biss 1. University Test Technology Pers, 97 Zone, Scott Bisson, Hordhang Industry Pers, Navehan Danish Shenchen, PHC 516003 Hereb 756 Bistologe Para et al. 75.061101108 Hereb 756 Bistologe Para et al. 75.061101108 Hereb 756 Bistologe Para et al. 75.061101108 Hereb 756 Bistologe Para et al. CE





Welcome to contact us!