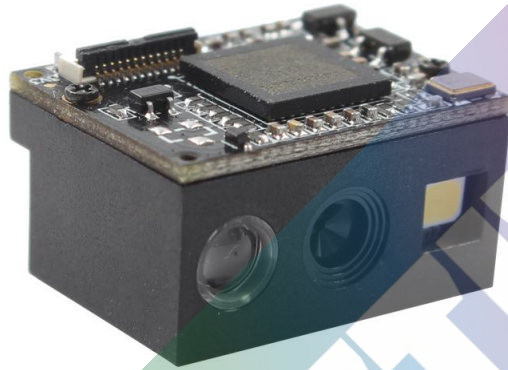


# IS-801(2D)

## 2D CMOS Barcode Scanner Module

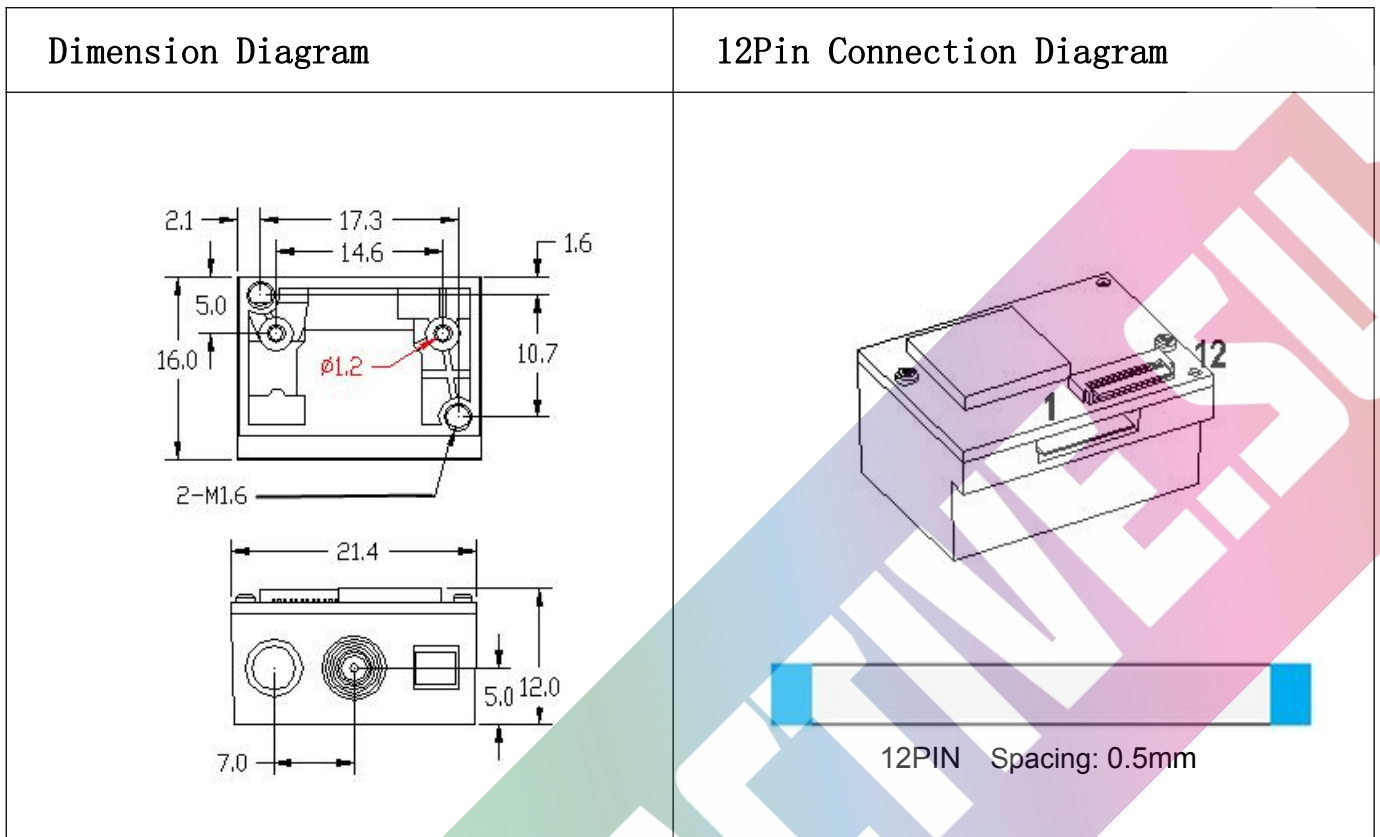


### Features

- \* Mini Size: 2.16 \*1.6 \*1.2cm/ 0.85 \*0.62 \*0.47in.
- \* Plug and play, driver-free, convenient for usage.
- \* Supporting the RS232,USB,TTL,Micro USB interface.
- \* Scanner reads 2D & 1D barcodes printed on labels or displayed on device screens.
- \* Small size,easily to integrate into any device, especially for limit space application.
- \* Powerful decoding capacity for most 1D and 2D codes,can read incomplete and fuzzy codes.
- \* Support secondary development -- the serial port development instruction is complete to satisfy each kind of host computer control interactive demand.
- \* Application fields: parcel locker,supermarket locker, ticket machine, self-service vending machine, intelligent express cabinet, kiosk,locker, access control machine,self-service store, check-in machine, bank counter machine, factory assembly line,logistics, hospital,PDA,etc.
- \* Can be customized according to customer demand.

## Technical parameters

Product Specification		IS-801(2D) 2D CMOS Barcode Scanner Module
Imaging Sensor		1280*720CMOS (1000,000 pixel)
Lighting		White light LED
Focusing		Red light LED
Decoding Capability	2D	QR Code, Data Matrix, PDF417,Aztec, Maxicode,HanXin etc
	1D	UPC/EAN,with complementary UPC/EAN,Code128,Code39, Code 39Full ASCII,Coda bar,industrial /Interleaved 2 of 5 Code93,MSI,Code11,ISBN,ISSN,China post,GS1 Databar,etc. International general 1D barcodes.etc
Resolution		≥4mil
Depth of Field	EAN-13	40mm-250mm (13mil)
	Code39	30mm-90mm (5mil)
	QR Code	25mm-240mm (20mil)
	Data Marix	40mm-110mm (10mil)
	PDF 417	20mm-150mm (6.67mil)
Minimum Contrast		≥25%
Scanning angle		Angle of rotation360°, inclination± 55°,declination ±55°
Interface		TTL-232 , USB
Dimensions		21.6(W)× 16(D)× 12(H)mm
Working Voltage		DC5/3.3 V ± 10%
Working current		160mA
Standby current		20mA
Working temperature		-20℃~+50℃ / -4°to 22°F
Storage temperature		-40℃~+70℃ / -40°to 158°F
Relative Humidity		5%~95% (non-condensing)
Anti-interference		0~100000LUX



### Definition of PIN

PIN	PIN input/output	Definition
PIN 1	—	NC
PIN 2	Power Supply	VCC
PIN 3	The device internal ground	GND
PIN 4	Input	RX
PIN 5	Output	TX
PIN 6	Input	D-
PIN 7	Output	D+
PIN 8	—	NC
PIN 9	Output	BEEPER
PIN10	Output	DLED
PIN11	—	NC
PIN12	Input	TRIG

## Product Pictures

