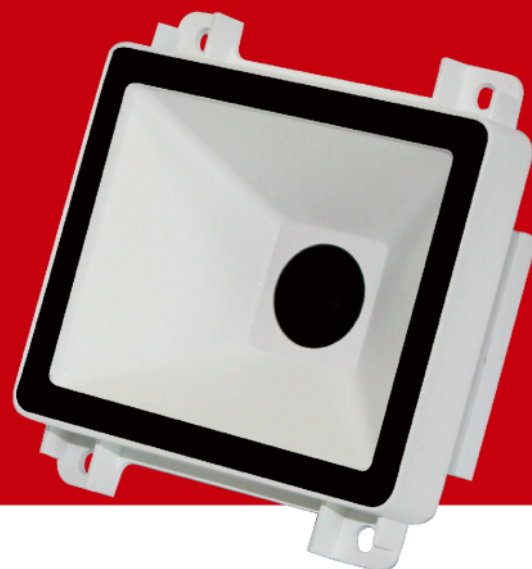


SMARTER 320 2D Scan Module

Design with four location holes
Easy embedded in various devices



Product Features:

- Large scan window exceeds same level products
- Fast reading bright/dim codes on the screen with inner light supplement
- Autonomous technology, low power consumption
- Strong decoding ability for 1D&2D code on the screen
- Excellent resolution with high speed sensing
- Support secondary development for various interfaces



Application :



SMARTER 320 Technical Parameters

2D Scan Module

Performance Parameters	
Light Source	White light LED
CPU	32bit MIPS @1G Hz
Imager Sensor	CMOS
Scan Mode	Sensing Scan
Resolution	640 × 480 pix
Scan Speed	30fps
Scan Precision	≥5mil
Scan Angle	Rotate 360°, Dip 65°, Elevation 60°
View Angle	Horizontal 70°, Vertical 50°
Depth of Field	EAN13: 20mm~130mm @13MIL PCS90%
Decoding Capability	1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128 (FNC1、FNC2、FNC3), Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5,GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39(包括Code 39 FULL ASCII), Code 11, MSI-Plessey, Plessey , etc 2D: PDF417, Data Matrix, QR Code, etc
Other Parameters	
Dimension	LxWxH=65.1x61.6x33mm
Material	ABS+PC
Input Voltage	5 VDC±5%
Operating Current	108mA (Typical value) , 114mA (Max value)
Static Current	50mA
Indicator	Buzzer
Support Interface	RS232,USB
Support Code	Support Alipay, Bill butler、Paper code、Mobile phone screen, PC screen, etc
Temperature	-20°C-60°C(Operating)
Operating Humidity	5% to 95% relative humidity, non-condensing
Storage Temperature	-40°C - 70°C
Environment Light	0 - 5000Lux(fluorescent light), 0 - 100,000Lux(day light)