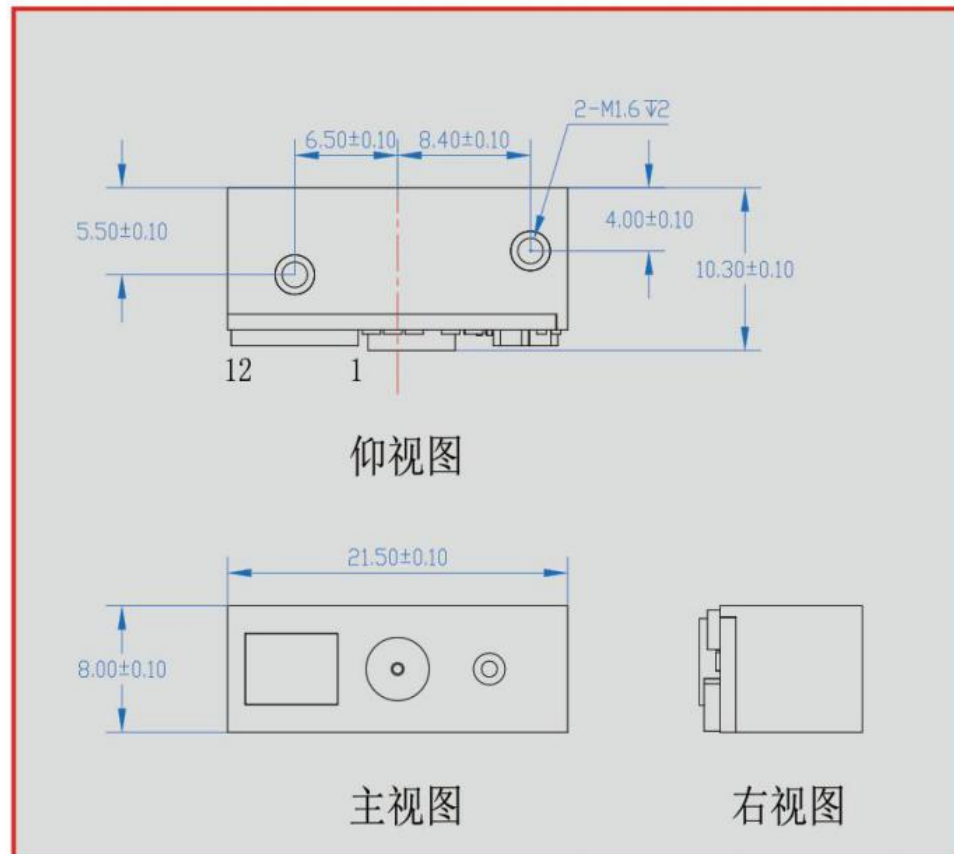


SE4770 2D Code Scanner Engine

Acquisition Performance		
Sensor	Imager CMOS Sensor, 1280*800 Pixels	
Acquisition Speed	1/60fps	
Field of view	Diagonal 48°,Level42°,Vertical 30°.	
Reading Performance		
Precision	2D≥5mil,1D≥3mil	
Depth of Field	Testing Code	
	14.17mil Code 128	100~490mm
	34.17mil QR Code	40~660mm
	4.17mil Code 39	55~200mm
	7.5mil 110mm Code 39	180~250mm
Scan Angle	Roll 360°,Pitch ± 55°,Skew± 55°	
Symbologies	2D Code: QR Code, Micro QR, Data Matrix, PDF417, Aztec Hanxin Code etc	
	1D Barcode: UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Codabar, MSI/MSI PLESSEY, GS1 DataBar etc	
Minimal Print Contrast	20%	
Illumination LED		
Illumination	White LED	
Laser Aiming		
Aiming	Laser diode 650nm	
Physical Parameter		
Dimension	(W*D*H): 21.5mm*10.3mm* 8.0mm	
Weight	2g	
Interface		
Interface	UART, USB Serial Port, USB KBW	
Cable	Flexible Flat Cable (FFC), 12pin, 0.5Pitch	
Scan Mode	Trigger Mode/Command Mode/Sense Mode	
Install Hole	Two screw holes; Recommend to use M1.6mm screws,lock depth no more than 2.0mm	
Environmental Data		
Operating Temperature	-30℃ ~ 70℃	
Storage Temperature	-40℃ ~ 80℃	
Humidity	5% ~ 95% (no-condensing)	
Ambient Light	Max.100,000 Lux	
Electrical Parameter		
Input Voltage	3.3V±0.3V	
Current@3.3VDC	< 190mA	

Operating	
Current@3.3VDC Standby	< 10mA
Certificates	
Certificates	CE, RoHS, IEC62471, FDA
Warranty	2 years

Dimension Drawing (Tolerance+0.2mm)

Laser Aimer



12 PIN Definition

NO	PIN	Signal Type	Description
1	NC	NC	Non Connect
2	VDD	Power	3.3V Power Supply
3	GND	GND	Ground
4	RX	Input	UART Receive, TTL Level
5	TX	Output	UART Send, TTL Level
6	D-	Bi-directional Difference	USB D- Signal
7	D+	Bi-directional Difference	USB D+ Signal
8	NC	NC	Non Connect
9	BUZ	Output	Beeper Signal Outputs (High Level is Valid), Need External Drive
10	LED	Output	LED Signal Outputs (High Level is Valid) , Need External Drive
11	NC	NC	Non Connect
12	nTRIG	Input	Trigger Signal Inputs, Low Level is Valid