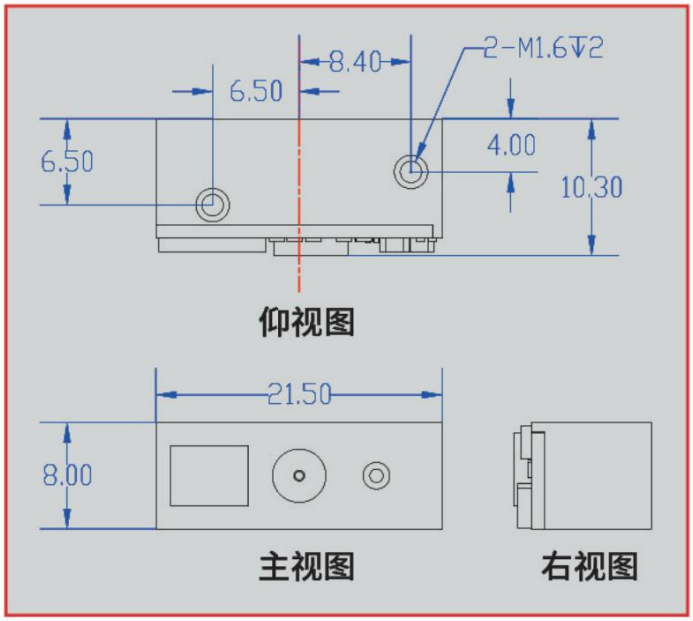
E4760 2D Code Scanner Engine

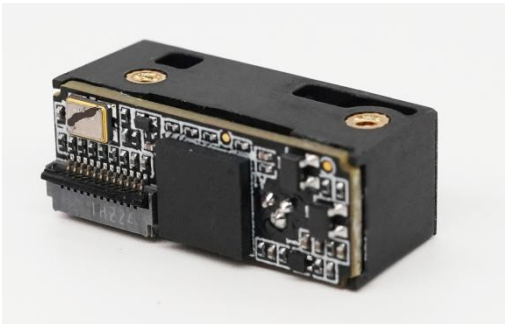
Acquisition Performance		
Mode	E4760	
Sensor	Imager CMOS Sensor, 640*480 Pixels	
Acquisition Speed	1/60fps	
Field of view	Diagonal 58°,Level42°,Vertical 36。	
Reading Performance		
Precision	2D≥5mil,1D≥3mil	
Depth of Field	Testing Code	E4760 Depth of Field
	Code 39 4mil	40~120mm
	Code 128 5mil	30~170mm
	Code 39 5mil	30~160mm
	Code 39 20mil	60~320mm
	100% UPCA	40~290mm
	PDF417 5mil	30~120mm
	Data Matrix 10mil	20-100mm
	QR Code 20mil	30~210mm
Scan Angle	Roll 360°,Pitch ± 55°,Skew± 55°	
Symbologies	2D code: QR Code, Data Matrix, PDF417,Hanxin code	
	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	
Symbol Contrast	20% Minimum Reflectance	
Illumination LED		
Illumination	White	
Laser Aiming		
Aiming	RED LED,Cross Envelope	
Physical Parameter		
Dimension	10.3mm H * 21.5mm W* 8.0mm D	
Weight	3g	
Interface		
Interface	UART, USB Serial Port, USB KBW (Support GBK、GB2312、UTF)	
Decoder Board Socket	12pin 0.5Pitch connector	
Scan Mode	Trigger Mode/Command Mode/Sense Mode	
Install Hole	Two screw holes; Recommend to use PB1.7mm Flat tail self-tapping screws,locked to depth no more than 3.5mm	
Environmental Data		

Operating Temperature	-20℃ ~ 60℃
Storage Temperature	-40℃ ~ 80℃
Humidity	Relative Humidity 5% ~ 95% （no-condensing）
Ambient Light	Max.100,000 Lux
Electrical Parameter	
Input Voltage	3.3V±0.3V
Operating Current	＜190mA
Stand-by Current	＜0.5mA

Dimension Drawing （Tolerance+0.2mm）



Scanner Photo



Laser Aimer

12 PIN Definition

NO	PIN	Signal Type	Description
1	NC	Power	3.3VPower Supply
2	VDD	Power	3.3VPower Supply
3	GND	Power	GND
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	Power	GND
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	Empty PIN
12	nTRIG	Input	Trigger Signal Inputs, Low Level is Valid