MX-18C OEM Scan Engine

Features:

- **Superior Scanning Performance**
- **Easy Serial Configuration**
- **Advanced Megapixel Scanning**
- **Rapid And Flexible Integration**

Application Scenarios:

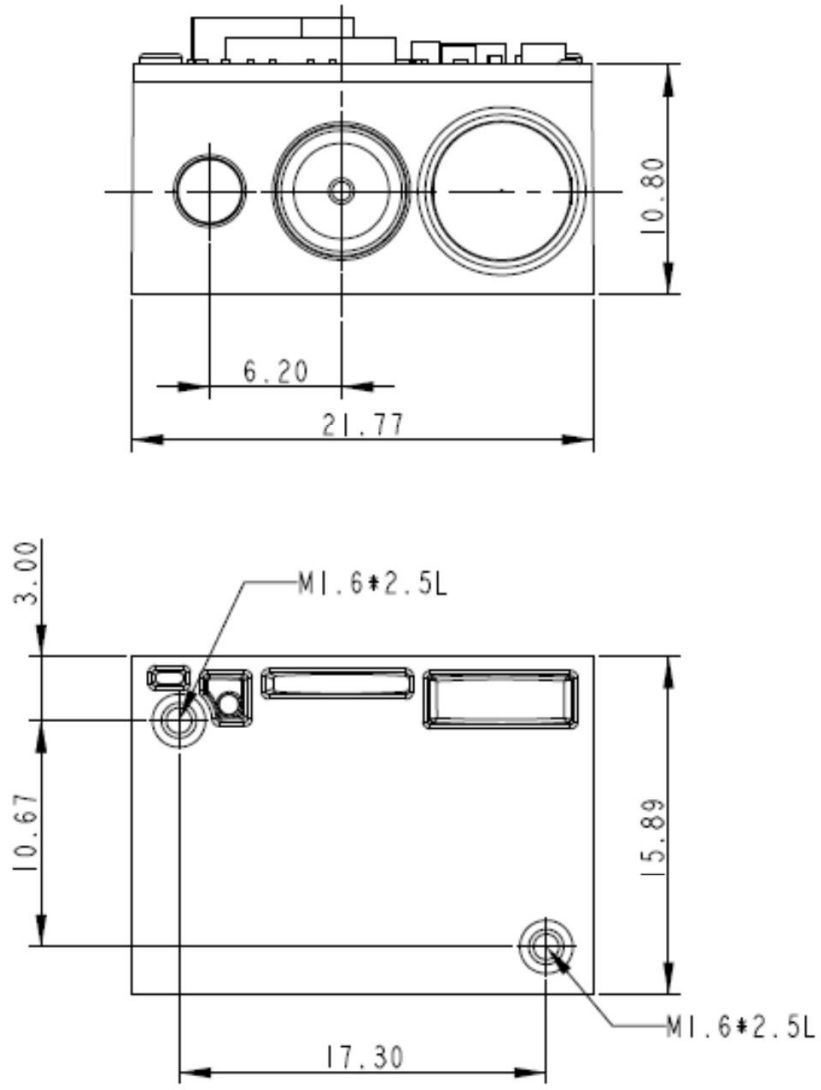
Retail , Healthcare , Field Mobility , PDAs ,

Self-Service Devices (Kiosk...) , etc.

Specification Chart:

Performance Characteristics	Image Sensor	640 * 480 (Megapixel)	
	Light Source	White LED	
	Aimer	Red LED	
	Decode Capabilities	1D	UPC A , UPC E , EAN 8 , EAN 13 , Code 128 , Code 39 , Code 93 , Code 32 , Code11 , Codabar ,Plessey , MSI , Interleaved 2 of 5 , IATA 2 of 5 , Matrix 2 of 5 , Straight 2 of 5 , Pharmacode , RSS-14 , RSS-14 Expanded , RSS-14 Limited, Composite Code-A, Composite Code-B , Composite Code-C
		2D	PDF 417 , Micro PDF 417 , Data Matrix , QR , Micro QR, Aztec , Han Xin Code
	Resolution	1D：≥4 mil ; 2D：≥7 mil	
	DOF (mm)	Code39 (4 mil)：30mm ~95 mm	
		EAN -13 (13 mil)：45 mm ~290 mm	
		QR Code (10 mil)：45 mm ~150 mm	
	Imager Field of View	38° (H) x 25° (V)	
	Skew/Pitch/Roll	Skew: ±60° , Pitch: ±60° , Roll: ±360°	
	Minimum Print Contrast	≥20% (UPC/EAN 100% , PCS 90%)	
Physical Characteristics	Dimension (mm)	21.77 (W) × 15.89 (D) × 10.8 (H)	
	Supported Host Interfaces	RS232，USB (HID ; CDC)	
	User Indicators	Beeper、LEDs	
	Input Voltage	DC 3.3V±5%	
	Operating Current	110 mA ±5%（Typical） , 210 mA ±5%（Max.）	
	Standby Current	40 mA ±5%	
	Low Power Current	10 mA ±5%	
User Environment	Operating Temp.	-10℃~+50℃	
	Storage Temp.	-40℃~+70℃	
	Humidity	5%~95%（non-condensing）	
	Ambient Light Immunity	0~8,600 Lux（Candkes）0~100,000 Lux (direct sunlight)	
Regulatory	CE EN55022 , FCC Part 15 Class B , CE EMC Class B		

Outline Dimension



Electrical Interface

Pin No.	Mnemonic	Type	Description
1	NC		Reserved
2	VIN	PWR	Power Supply: 3.3 VDC
3	GND	PWR	Ground
4	RXD	I	Received Data: Serial input port.
5	TXD	O	Transmitted Data: Serial output port.
6	D-	I/O	USB D- differential data signal
7	D+	I/O	USB D+ differential data signal
8	PWRDWN /WAKE	I	**Power Down:** When high, the decoder is in low power mode **Wake:** When low, the decoder is in operating mode
9	BPR	O	Beeper: Low current beeper output.
10	DLED	O	Decode LED: Low current decode LED output.
11	NC		Reserved
12	TRIG	I	Trigger: Hardware triggering line. Driving this pin low causes the scanner to start a scan and decode session.
I=Input ; O=Output			