



The 4th Generation Algorithm



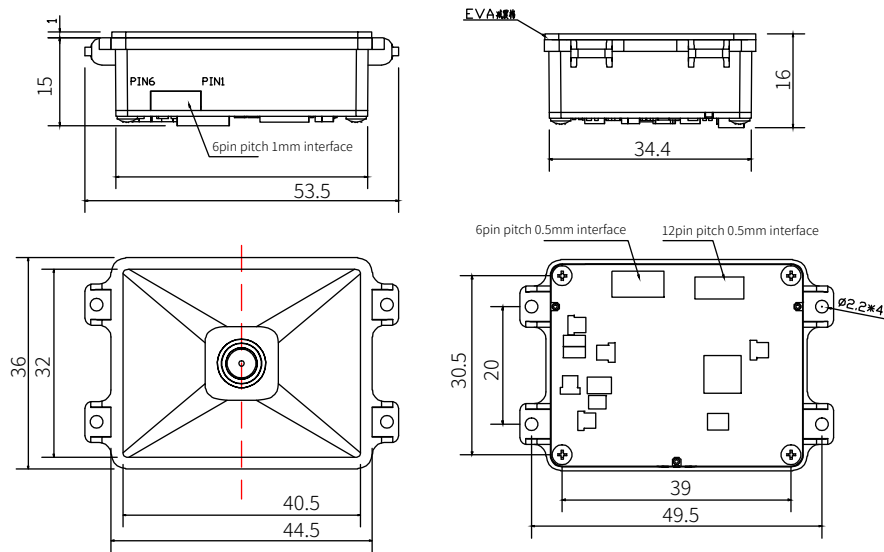
White LED Illumination



Ultra-Thin Design

- ◆ Excellent scanning performance, ultra-thin design wide field of view.
- ◆ The 4th generation I-SUBPIXEL algorithm easily and quickly scan various barcodes.
- ◆ High Motion tolerance, easy to read with fast movements.
- ◆ White led illumination, easy read paper barcodes.
- ◆ Various Interfaces: USB VCP, USB HID-KBW, USB HID-POS, TTL232.
- ◆ Suitable for smart scenarios such as face payment terminal, smart homes, lockers, self-service inquiry terminal, queuing and calling equipment and so on.
- ◆ Support Linux, Android, Windows and other systems.

Size:
(mm)



Model		EM1730
Scan Code Performance	Sensor	640 x 480 CMOS
	Light Source	White LED (6500k)
	View Angle	Horizontal 74°, Vertical 58°
	Decoding Capability	2D: QR、PDF417、DataMatrix (ECC200)、Aztec、Micro QR、Han Xin Code、Maxicode、Micro PDF417、Code 16K、Code 49 1D: EAN13、EAN8、UPC-A、UPC-E0、UPC-E1、Code128、Code39、Code93、CodaBar、Interleaved 2 of 5、Industrial 2 of 5、Matrix 2 of 5、Code11、MSI-Plessey、Standard 2 of 5、Plessey、China Post、GS1 Databar (RSS-Expand, RSS-Limited, RSS-14)
	Depth of Field	Wechat payment code: 12 ~ 200mm Refund code: 40 ~ 65mm
	Scan Angle	Rotation: 360°, Pitch: ±60°, Deflection: ±60°
	Scan Mode	Continuous mode, Induction mode, Manual mode, Command triggered mode
	Precisions	1D ≥ 5mil / 2D ≥ 10mil
	Symbol Contrast	≥ 25%
	Motion Tolerance	≥ 80cm/s (Payment code)
Physical Parameters	Weight	15g
	Dimensions	53.5mm * 36mm * 16mm
	Interface	USB VCP / USB HID-KBW (Default) / USB HID-POS / TTL-232
	Prompt Mode	LED prompt and buzzer (Provide external interface) Built-in buzzer: optional
	Voltage	DC +3.3V ~ +5V (±5%)
	Current	140mA@5V supply power