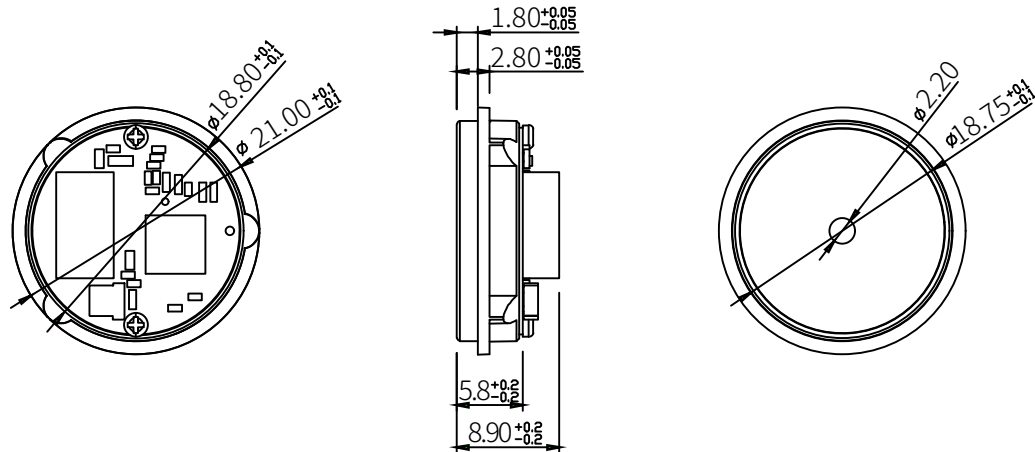




- ◆ Uniform lighting design, 360° light ring design.
- ◆ Ultra-thin, ultra-small space preferred.
- ◆ The 4th Generation I-SUBPIXEL algorithm, easily and quickly scan various barcodes.
- ◆ White LED illumination easily read paper barcodes.
- ◆ Applicable to all kinds of elevator controller products.
- ◆ Support Linux, Android, Windows and other systems.

Size:
(mm)



Model		EM1830
Scan Code Performance	Sensor	640 X 480 CMOS@30fps
	View Angle	Horizontal 70°, Vertical 55°
	Decoding Capability	Default Open: EAN13、EAN8、UPC-A、UPC-E0、UPC-E1、Code128、Code39、Code93、CodaBar、QR Code、PDF417、DataMatrix
		Default Close: Interleaved 2 of 5、Industrial 25、Matrix 2 of 5、Code11、MSI Plessey、RSS-14、RSS-Expand、RSS-Limited
	Depth of Field	EAN-13: 30 ~ 110mm (13mil) Code128: 30 ~ 120mm (15mil) Mobile ride code: 70 ~ 170mm (6 "screen phone) Wechat payment QR code: 40 ~ 280mm (6 "screen phone)
	Scan Angle	Rotation: 360°, Pitch: $\pm 60^\circ$, Deflection: $\pm 50^\circ$
	Scan Mode	Induction mode, Continuous mode
	Precisions	1D $\geq 5\text{mil}$ / 2D $\geq 10\text{mil}$
	Symbol Contrast	$\geq 25\%$
	Scan Code Feedback	Light indication, Serial output
Physical Parameters	Weight	3g
	Dimensions	External diameter $21\text{mm} \pm 0.1\text{mm}$, height $8.7\text{mm} \pm 0.2\text{mm}$ (Including connector)
	Interface	TTL
	Material	PC + Tempered glass
	Voltage	DC +3.3V ($\pm 10\%$)
	Current	$< 120\text{mA}$
Environmental Parameter	Shock	5~200Hz, 10Grms, 3axes, 1.5Hr
	IP Protection	Front IP54