

2D SCAN ENGINE MODULE

HC-22

Simply OEM development model.

LED and Buzzer indication interface.

Provide USB and RS232 communication interface.

Can quickly read the mobile phone payment QR code.

Support high-performance screen 1D / 2D barcode scanning.

HENEX has the core development capability of 2D scanners. In order to meet the needs of OEM, we have launched a HC-22, a two-dimensional scanning module for mobile phonescreens, which has the leading product performance of similar products. It can stabilizeuninterrupted work for a long time. The HC-22 provides USB interface that can be integrated into your system without any secondary development. At the same time, We can provide complete development documents, can provide users with RS232 communication mode, provide Buzzer reminder, almost meet all your mobile payment scenarios.

APPLICATION

Mainly used in business,payment,health care, tobacco,some industries,etc.



1D



2D



Applied to buses



Applied to SPM



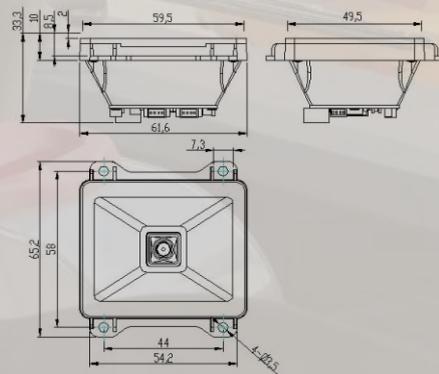
Quick reading



HC-22

TECHNICAL SPECIFICATION

OS OS Windows / iOS / Android	Image Sensor CMOS	Image(Pixels) 640(H)*480 (v)pixels	light source 5600K White LED	Scan Mode Handhand (Manual) / Handfree (Automatic)
FPS Frame Rate 30fps/s	Scan accuracy 0.127mm(5mil)@Code 39, PCS=90% (20 mm - 80 mm)	Print Contrast ≥20%	Visual Indicator Buzzer	Interface +5.0 V TTL232, USB (HID Keyboard, Virtual COM Port)
Scan Angle Left and right: ±60° Front and rear: ±65° Rotate: 360°	Field of view 68° horizontal, 51° vertical	Dimension H x W x L 33.3x 65.2 x 61.6(mm)	Weight 36.7g	Case Material ABS
Cable Standard 51.5CM straight	Power parameter Input Voltage: 3.3VDC±10% Working current: 120mA (Typical value)	Firmware Update Computer online upgrade	Scan distance EAN-13:10mm-150mm (13mil) Code39: 0mm-60mm (5mil 10 bits) QR Code: 0mm-110mm (20mil 16bits)	
Safety regulations CE (EN 55032:2015; EN 55035:2017), ROHS, BIS, EN62368-1:2014+A11:2017 FCC PART 15 CLASS B	Environmental parameters Operating Temperature: -20°C→+ 60°C Working Humidity: 5% to 95% relative humidity, non-condensing Storage Temperature: -40°C→+70°C Electrostatic protection: ±8 kV (Direct discharge) Ambient brightness: 0~100,000Lux			



Decoding Capability

1D: EAN,UPC,Code 39,Code 93,Code 128,UCC/EAN 128, CodabarInterleaved 2 of 5, ITF-6,ITF-14,ISBN,ISSN, MSI-PlesseyGS1 Databar, GS1 Composite Code,Code 11,Industrial 25,Standard 25,Plessey, Matrix 2 of 5, etc.

2D: QR Code, Data Matrix, PDF417, Aztec, Maxicode, GS1 DataBar stack, etc.