

STARASIA

HCR12D

High-performance 1D/2D handheld barcode scanner

640 × 480 CMOS SENSOR | 60 FPS FAST DECODING

1D Barcode,
2D Code,
QR Code,

USB / RS232
30cm Scan Range

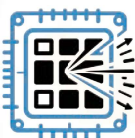
Rugged 1.5M
Drop Resistance



Features

High Resolution ①

640 X 480 CMOS Sensor
Quick decoding 3 mil high
precision
barcode



Fast Decoding ②

Fast reading speed,
60 frames every second
Rapid and accurate



1D, 2D, QR Code ③

Support both 1D and
2D codes with a scanning
range of up to 30cm



Drop Resistance ④

1.5 M Drop-resistant
design makes it ideal for
various application



USB & COM ⑤

Plug & Play USB-HID
USB-VCP, Virtual COM



Retail



Warehouse



Logistics



Automation



e-Commerce



Medical Clinic

Scenarios

Scanning distance 30 cm | 60 fps | 1.5M Drop Resistance | USB / RS232

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1D/2D



32 Bit



Red LED



Plug n Play



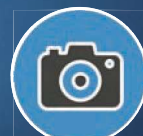
Alipay



WeChat Pay



Mobile
Payment



640x480
Pixels

Specifications

CPU	32bit ARM
Image Sensor	CMOS
Image Size	640 x 480 Pixels
Scanning Speed	60 FPS
Print Contrast	≥ 15%
Min. Resolution	≥ 3mil
Scan Mode	Auto / Manual
Scanning Angle	(Skew/Pitch)±65°
Size (LxWxH)	163x68x80 (mm)
Weight	185g
Indicator	LED & Buzzer
Cable	1.5M
Input Voltage	DC 3.6V-5.5V
Light Source	White LED (Lighting), RED LED (Pointing)
Interface	USB-HID, USB-VCP, RS232
Depth of Field	60-360mm (13mil PCS90%)
Decoding Capability	1D: Codabar, Code11, Code39, Code32, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, Interleaved 2 of 5, Matrix 2 of 5, etc. 2D: QR Code, Micro QR, PDF417, Micro PDF417, Data Matrix, Aztec Code



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