



## C20

### Industrial 2D Image Scanner

C20 is an industrial 2D optical imaging scanner with advanced function of data collection. The device delivers industrial leading performance and durability in Retail, Logistics, Medical, Manufacturing, Office Automation and other fields of applications.

It features the optical system, coupling system, graphics digital, decoding image processing, embedded system and a series of comprehensive technology. It is quite easy for C20 to scan QR Code, DataMatrix, PDF417, Aztec, Maxicode and so on.



#### Excellent Identification Ability

C20 fully supports all common 1D, 2D barcodes and paper barcodes, realizing quick and accurate scanning.



#### High Quality Wires

It uses high quality wires inside and inflaming retarding materials with the international standard, recyclable and practical shell to protect the device properly.



#### Sensitive and Responsive Performance

Manual trigger and induction system support continuous scanning quickly and automatically.



#### Convenient and Comfortable Handle

Fashion and ergonomics design with convenient and comfortable handle doubles and boosts work efficiency.



#### Long Service Life

The low-power-consumption C20 can sustain 30 million times of button press.



#### Industrial Grade Durability

It is light and solid. The IP54 industrial grade enables it to bear the height of 3m dropping and ground impact.

#### About Chainway

As a leading "Internet of Things" company in China, Shenzhen Chainway Information Technology Co., Ltd is a professional provider of products and solutions of RFID and barcode technology. Founded in 2005, Chainway, a high-tech enterprise, has won several times the title of the Best Provider of RFID Readers. Thousands of clients from over 100 countries have experienced our products in retail, logistics, transportation, healthcare, finance, security and manufacturing, etc. Through our nationwide offices, overseas subsidiary and an extensive partner network, we aim to provide high quality service to our clients.

## C20 Specifications :

### Performance Parameter

Light source	Aiming: 630 ±10 nm
Image (Pixels)	752 pixels (H) x 480 pixels (V)
Field of View	40° (H) x 26° (V)
Roll / Pitch / Yaw	360°, ±55°, ±60°
Print Contrast	25% minimum reflective difference

### Symbology Decode Capability

1-D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128 (FNC1, FNC2, FNC3), Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39 (Code 39 FULL ASCII), Code 11, MSI-Plessey, Plessey
2-D	PDF417, DataMatrix, QR
Decoding rate	350 times/s
Interfaces	USB, Rs232, USB-COM

### Physical Characteristics

Dimensions	102mm x 73mm x 182 mm
Weight	172g
Voltage and Current	5 VDC +/-10% @ 160 mA

### Environmental parameter

Operating °C	-20° to 60°C
Storage °C	-40° to 85°C
Humidity	5% to 95%, non-condensing
Drop/Shock	Withstands multiple 3m drops to concrete
Ambient Light Immunity	Immune to normal indoor lighting up to 1600 Lux. Immune to sunlight up to 86,000 Lux.
IP grade	IP54 grade

### Certificates

Certificates	CCC, RoHS, IP54 grade, CE, FCC and ISO9001
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RoHS

### Accessories



prop stand (optional)

Notice: Product specifications are subject to change without notice. / Version: C20 V1.0.0 / Update Date: 2017-12-07

## CHAINWAY®

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