



## CB20

### Industrial 2D Image Wireless Scanner

CB20 is adopting CMOS image sensor in combination with Bluetooth, ultra-strong compatibility without the need of using wires. The device delivers industrial leading performance and durability in Retail, Commercial, Bank, Financial and other fields of applications.

It can connect to any Bluetooth mobile phone, pad, computer, including IOS system device without the need of setting up Bluetooth pairing, and is widely used in supermarket, chain stores, shops, clothing store, electronic ticket and coupons scanning, mobile payment and tax affairs applications.



#### Ultra-long Distance Transmission

Bluetooth communication mode can automatically modulate the frequency to reduce radio frequency interference from other wireless devices.



#### Wide Used and Easy Setting

CB20 supports Bluetooth connection to any mobile phones, pads, computers, including IOS-based devices without setting up Bluetooth pairing.



#### Excellent Identification Ability

It can fully support all common 1D, 2D barcodes and paper barcodes, realizing quick and accurate scanning.



#### Powerful Endurance Capability

With 2200mAh rechargeable polymer lithium battery, the device can continuously run for more than 48 hours, after being fully charged, and support 150,000 scans.



#### Convenient and Comfortable Handle

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



#### Industrial Grade Durability

IP54 industrial grade, solid and light body made of ABS + PC materials can bear the height of 4m 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.

## CB20 Specifications :

Performance Parameter	
Light Source	White LED (6500K)
Image Sensor	CMOS (image based)
Decoding Rate	300 times/s
Decoding Capabilities	1D: EAN-13 (Available with verification codes), EAN-8 (Available with verification codes), UPC-A (Available with verification codes), UPC-E (Available with verification codes), ISSN, ISBN, Codabar, Code 128 (including FNC1, FNC2 and FNC3 subsets), 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 (including Code 39 FULL ASCII), Code 11, MSI-Plessey, Plessey, etc. 2D: PDF417, DataMatrix, QR code, etc.
Angle	±42°, ±65°, ±65° Roll, skew, pitch
Resolution	4mil
Depth of Field	40mm - 350mm
Printing Contrast	30%
Prompting Mode	Buzzer, LED indicator
Interface	Built-in USB, PS2 keyboard, RS-232 serial port, USB-COM can be identified automatically.
Trigger Mode	Manual, continuous automatic scanning; auto sensing (optional)
Setting Mode	Scan and set up barcode (including e-document)
Frequency	2400MHZ
Communication Distance	70m (in open space)
Transmission Rate	1Mbps
Current	200mA (operation); 90mA (standby); DC 5V ± 0.25V (charging)
Capability of Battery	2200mAh; charging time: 4.5h

Physical Parameters	
Overall dimension	LXWXH (120 x 71 x 176mm)
Weight	Approximately 187g (including the batteries and excluding the wires)
Material	ABS+PC (environment-friendly material)

Environmental parameter	
Temperature	0°C - 45°C (work); - 40°C - 60°C (storage)
Seismic capacity	Withstand multiple drops from a height of 3m to a concrete floor.
IP grade	IP54 grade

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



RoHS

### Accessories



prop stand (optional)

Notice: Product specifications are subject to change without notice. / Version: CB20 V1.0.0 / Update Date: 2017-12-07

## CHAINWAY®

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