

A person in a warehouse setting, wearing a high-visibility yellow vest over a tan jacket, is holding a handheld barcode scanner. The scanner is black with a red laser light. The person's vest has a name tag and a QR code. The background shows blue metal shelving units in a warehouse.

DCcode®

DCODE BARCODE SCANNER

LET'S START A REVOLUTION

TABLE OF CONTENTS

- 1- 1D WIRED HAND HELD BARCODE SCANNER**
- 2- 1D WIRELESS HAND HELD BARCODE SCANNER**
- 3- 1D WIRELESS BLUETOOTH HAND HELD BARCODE SCANNER**
- 4- 2D WIRED HAND HELD BARCODE SCANNER**
- 5- 2D WIRELESS HAND HELD BARCODE SCANNER**
- 6- 2D WIRELESS BLUETOOTH HAND HELD BARCODE SCANNER**
- 7- TABLE TOP (PRESENTATION SCANNER)**
- 8- FAQ**

1. 1D-WIRED HAND HELD BARCODE SCANNER

DCode[®]www.dcodeinternational.com

- 32 Bits CPU – super decoding ability.
- Ergonomic design, comfortable to hold.
- Service life of button up to 8 million clicks.
- Can read barcode as small as 3 mil.



For 1D Barcodes



DC5111
(1D WIRED)
HAND HELD
BARCODE SCANNER

The DCode Advantage

QUICK

DEPENDABLE

TOUGH

SPECIFICATION

Physical Characteristics

Colour	Twilight Black
Material	ABS+PC
Single Pack Size	167mm*80mm*100mm
Single Gross Weight	0.28 kg

Electrical

Working current	3.5Vx40mA
Standby current	18uA-5mA
Charging Power	5V-400mA
Interface	USB, USB-COM

User Environment

Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% relative humidity, non-condensing
Drop	Designed to resist 2 meter drop
Environmental Sealing	IP54
ESD	Confirms to 15 kv air discharge and 8 kv of contact discharge

Scan Performance

Scanning type	bi-directional
Light Source	650 nm Visible diode
Decoding Speed	300 Scans/sec
Scanning Width	30cm
Printing Contrast	≥25%
Reading Angle	Angle of Rotation ±30°, Inclination ±45°, declination ±60°
Indication	Buzzer & LED
Trigger Mode	Button, Continuous, Auto-Indication
CPU	ARM 32-bit Cortex
BER	1/20 million
Anti-Interference	No Influence working under string light and sunshine
Decode Capability	UPC/EAN, with complimentary UPC/EAN, Code 128, Code 39, Code 39 Full ASCII, Codabar, industrial/interleaved 2 of 5 Code 93, MSI, Code 11, ISBN, ISSN, China Post, GS1 Databar, Code 32

HOW TO OPERATE

- It is a plug and play device so you just need to connect Scanner with PC using USB cable and scanner will be ready for use.
 - Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.
- No need for manual configuration and no need to install a driver.

NOTE : Pls refer manual which comes along with scanner for more information and programmable settings.

2. 1D-WIRELESS HAND HELD BARCODE SCANNER

DCode[®]www.dcodeinternational.com

- 2.4G Wireless Communication technology, effective range up to 100 meters.
- Built in 1400 mAH battery.
- Can Store up to 100,000 barcodes.
- 32 Bits CPU – super decoding ability.



For 1D Barcodes



DC5112
(1D WIRELESS)

HAND HELD
BARCODE SCANNER

The DCode Advantage

— QUICK —

— DEPENDABLE —

— TOUGH —

SPECIFICATION

Physical Characteristics

Colour	Twilight Black
Material	ABS+PC
Single Pack Size	167mm*80mm*100mm
Single Gross Weight	0.28 kg

Electrical

Working current	3.5Vx40mA
Standby current	18uA-5mA
Charging Power	5V-400mA
Battery	3.7V-1400mAH

Wireless Connectivity

Transmission mode	2.4G Wireless
Radio Range	330 ft./100 meters (line of Sight)

Scan Performance

Scanning type	bi-directional
Light Source	650 nm Visible diode
Decoding Speed	300 Scans/sec
Scanning Width	30cm
Printing Contrast	≥25%
Reading Angle	Angle of Rotation ±30°, Inclination ±45°, declination ±60°
Indication	Buzzer & LED
Trigger Mode	Button, Continuous, Auto-Indication
Storage	100,000 barcodes
CPU	ARM 32-bit Cortex
BER	1/20 million
Anti-Interference	No Influence working under string light and sunshine
Decode Capability	UPC/EAN, with complimentary UPC/EAN, Code 128, Code 39, Code 39 Full ASCII, Codabar, industrial/interleaved 2 of 5 Code 93, MSI, Code 11, ISBN, ISSN, China Post, GS1 Databar, Code 32

HOW TO OPERATE

- Press the button, the buzzer rang “Di-di-di” , the blue light is on, the scanner starts.
- Plug the receiver to your computer, the blue light is on, the receiver starts to work.
- Please match the receiver and the scanner within 30 seconds!
- Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.

Matching Operation :

- Plug the receiver to your computer when it start to work ,Match the scanner and the receiver by scan the “Match” Barcode.
- Matching successfully, the buzzer rang “ Di-da-di”, “DI-di-di”.
- Matching failed, the buzzer rang “ Di---en”.

NOTE : Pls refer manual which comes along with scanner for more information and programmable settings.

3. 1D-WIRELESS BLUETOOTH HAND HELD BARCODE SCANNER

DCode[®]www.dcodeinternational.com

- Bluetooth Communication technology, effective range up to 50 meters.
- Built in 1400 mAH battery.
- Can be connected with Windows/Android/IOS based phones and tablets directly.
- Switchable SPP and HID mode.
- Can Store up to 100,000 barcodes.
- 32 Bits CPU – super decoding ability.



For 1D Barcodes



DC5112BT
**(1D WIRELESS
BLUETOOTH)**
HAND HELD BARCODE SCANNER

The DCode Advantage

— QUICK —

— DEPENDABLE —

— TOUGH —

SPECIFICATION

Physical Characteristics

Colour	Twilight Black
Material	ABS+PC
Single Pack Size	167mm*80mm*100mm
Single Gross Weight	0.28 kg

Electrical

Working current	3.5Vx40mA
Standby current	18uA-5mA
Charging Power	5V-400mA
Battery	3.7V-1400mAH

Wireless Connectivity

Transmission mode	2.4G Wireless (Bluetooth Class 2, Version 2.1)
Radio Range	115 ft./50 meters (line of Sight)

Scan Performance

Scanning type	bi-directional
Light Source	650 nm Visible diode
Decoding Speed	300 Scans/sec
Scanning Width	30cm
Printing Contrast	≥25%
Reading Angle	Angle of Rotation ±30°; Inclination ±45°, declination ±60°
Indication	Buzzer & LED
Trigger Mode	Button, Continuous, Auto-Indication
Storage	100,000 barcodes
CPU	ARM 32-bit Cortex
BER	1/20 million
Anti-Interference	No Influence working under string light and sunshine
Decode Capability	UPC/EAN, with complimentary UPC/EAN, Code 128, Code 39, Code 39 Full ASCII, Codabar, industrial/interleaved 2 of 5 Code 93, MSI, Code 11, ISBN, ISSN, China Post, GS1 Databar, Code 32

HOW TO OPERATE

- The first boot, scanner works in Bluetooth mode.
- Scan “Restore defaults” settings barcode, the scanner will be set to Bluetooth-mode.
- Press the button, the buzzer rang “Di-di-di”, The red light flashing and the blue light is on which means in matching mode.
- Now open Bluetooth in your device and connect scanner by searching the same.

Switch Operation:

You can switch operation mode from Bluetooth mode to 2.4G Mode and from 2.4G mode to Bluetooth mode by scanning the barcode given in manual.

NOTE : Pls refer manual which comes along with scanner for more information and programmable settings.

4. 2D-WIRED HAND HELD BARCODE SCANNER

DCode[®]www.dcodeinternational.com

- Offers omnidirectional reading of 1D/2D barcodes, including poor quality and mobile barcodes.
- Ergonomic design, comfortable to hold.
- Service life of button up to 8 million clicks.
- Can read barcode as small as 3 mil.



For 1D/2D Barcodes



DC5121
(2D WIRED)

HAND HELD
BARCODE SCANNER

The DCode Advantage

— QUICK —

— DEPENDABLE —

— TOUGH —

SPECIFICATION

Physical Characteristics

Colour	Twilight Black
Material	ABS+PC
Single Pack Size	167mm*80mm*100mm
Single Gross Weight	0.28 kg

Electrical

Working current	3.5Vx40mA
Standby current	18uA-5mA
Charging Power	5V-400mA
Interface	USB, USB-COM

Scan Performance

Scanning type	Area Image
Light Aimer	650 nm LED
Decoding Speed	500 Scans/sec
Illumination	6500K LEDs
Printing Contrast	≥25%
Reading Angle	Scanning Angle 360°, Inclination ±65°, declination ±60°
Indication	Buzzer & LED
Trigger Mode	Button, Continuous, Auto-Indication
CPU	ARM 32-bit Cortex
Anti-Interference	0-100,000 Lux Max
Decode Capability	1D - UPC/EAN, with complimentary UPC/EAN, Code 128, Code 39, Code 39 Full ASCII, Codabar, Industrial/interleaved 2 of 5 Code 93, MSI, Code 11, GS1 Databar, Code 32, MSI Plessey, RSS etc. 2D - PDF 417, Composite Codes, TLC-39, Aztec, DataMatrix, Maxicode, QR Code, Micro QR, Han Xin, Postal Codes

HOW TO OPERATE

- It is a plug and play device so you just need to connect Scanner with PC using USB cable and scanner will be ready for use.
 - Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.
 - No need for manual configuration and no need to install a driver.
-
- **NOTE :** Pls refer manual which comes along with scanner for more information and programmable settings.

DCode[®]www.dcodeinternational.com

- Offers omnidirectional reading of 1D/2D barcodes, including poor quality and mobile barcodes.
- 2.4G Wireless Communication technology, effective range up to 100 meters.
- Built in 2200 mAH battery.
- Can Store up to 100,000 barcodes.
- 32 Bits CPU – super decoding ability.



For 1D/2D Barcodes



DC5122
(2D WIRELESS)

HAND HELD
BARCODE SCANNER

The DCode Advantage

QUICK

DEPENDABLE

TOUGH

SPECIFICATION

Physical Characteristics	
Colour	Twilight Black
Material	ABS+PC
Single Pack Size	167mm*80mm*100mm
Single Gross Weight	0.28 kg

Electrical	
Working current	3.5Vx40mA
Standby current	18uA-5mA
Charging Power	5V-400mA
Battery	3.7V-1400mAH

Wireless Connectivity	
Transmission mode	2.4G Wireless
Radio Range	330 ft./100 meters (line of Sight)

Scan Performance	
Scanning type	Area Image
Light Aimer	650 nm LED
Decoding Speed	500 Scans/sec
Illumination	6500K LEDs
Printing Contrast	≥25%
Reading Angle	Scanning Angle 360°, Inclination ±65°, declination ±60°
Indication	Buzzer & LED
Trigger Mode	Button, Continuous, Auto-Indication
Storage	100,000 barcodes
CPU	ARM 32-bit Cortex
Anti-Interference	0-100,000 Lux Max
Decode Capability	1D - UPC/EAN, with complimentary UPC/EAN, Code 128, Code 39, Code 39 Full ASCII, Codabar, industrial/interleaved 2 of 5 Code 93, MSI, Code 11, GS1 Databar, Code 32, MSI Plessey, RSS etc. 2D - PDF 417, Composite Codes, TLC-39, Aztec, DataMatrix, Maxicode, QR Code, Micro QR, Han Xin, Postal Codes

HOW TO OPERATE

Matching Operation(2.4G Mode) -

- Press the button, the buzzer rang ,the scanner starts.
- Scan the “2.4G Mode” barcode, then scan the “Match” barcode.
- Plug the receiver to your computer, the buzzer rang “ Di---Di”, which means 2.4G pairing is successful.
- Open a text, put the cursor in, Scan any barcode to see if the barcode can

NOTE : Pls refer manual which comes along with scanner for more information and programmable settings.



www.dcodeinternational.com

- Offers omnidirectional reading of 1D/2D barcodes, including poor quality and mobile barcodes.
- Bluetooth Communication technology, effective range up to 50 meters.
- Can be connected with Windows/Android/IOS based phones and tablets directly.
- Built in 2200 mAH battery.
- Can Store up to 100,000 barcodes.
- 32 Bits CPU – super decoding ability.



For 1D/2D Barcodes



DC5122BT
(2D WIRELESS
BLUETOOTH)
HAND HELD BARCODE SCANNER

The DCode Advantage

— QUICK —

— DEPENDABLE —

— TOUGH —

Physical Characteristics

Colour	Twilight Black
Material	ABS+PC
Single Pack Size	167mm*80mm*100mm
Single Gross Weight	0.28 kg

Electrical

Working current	3.3Vx200mA
Standby current	18uA-5mA
Charging Power	5V-400mA
Battery	3.7V-2200mAH

Wireless Connectivity

Transmission mode	2.4G Wireless (Bluetooth Class 2, Version 2.1)
Radio Range	115 ft./50 meters (line of Sight)

Scan Performance

Scanning type	Area Image
Light Almer	650 nm LED
Decoding Speed	500 Scans/sec
Illumination	6500K LEDs
Printing Contrast	≥25%
Reading Angle	Scanning Angle 360°, Inclination ±65°, declination ±60°
Indication	Buzzer & LED
Trigger Mode	Button, Continuous, Auto-Indication
Storage	100,000 barcodes
CPU	ARM 32-bit Cortex
Anti-Interference	0-100,000 Lux Max
Decode Capability	1D - UPC/EAN, with complimentary UPC/EAN, Code 128, Code 39, Code 39 Full ASCII, Codabar, industrial/interleaved 2 of 5 Code 93, MSI, Code 11, GS1 Databar, Code 32, MSI Plessey, RSS etc. 2D - PDF 417, Composite Codes, TLC-39, Aztec, DataMatrix, Maxicode, QR Code, Micro QR, Han Xin, Postal Codes

Matching Operation(Bluetooth Mode)-

- Press the button, the buzzer rang ,the scanner starts.
- Scan the “Bluetooth-HID Mode” barcode, then scan the “Match” barcode.
- Enable Bluetooth function on your device till find out "Barcode Scanner HID”, and click it to begin Bluetooth pairing. Wait a few seconds, the buzzer rang “ Di”, which means Bluetooth pairing is successful.
- Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.

NOTE : Pls refer manual which comes along with scanner for more information and programmable settings.

TABLE TOP - DC 5132



- *Scans Poor quality & mobile barcodes*
- *2D Omni Directional Scanner*
- *Hands Free Barcode Scanner*
- *500 scans / second*

FEATURES AND OPERATION

FEATURES-

- **A 20-line scan omnidirectional pattern provides aggressive scanning as an additional benefit to hand presentation applications.**
- **The scanner has an engineered “sweet spot” to optimize scan performance and first pass read rate.**
- **An adjustable scan head enables users to tilt the scanner +65° for targeted scanning of larger products.**

OPERATION-

- **It is a plug and play device so you just need to connect Scanner with PC using USB cable and scanner will be ready for use.**
- **Open a text, put the cursor in and show barcode Infront of scanner.**

NOTE : Pls refer manual which comes along with scanner for more information and programmable settings.

Mechanical parameters

Size	104mm*96.3mm*166mm
Interface	USB(Optional RS-232)
Cable length	150cm
Weight	300g
Drop	0.8m

Environmental parameter

Working temperature	-20°C~50°C
Storage temperature	-20°C~70°C
Working humidity	0%~80%
Drop test	1.5m fall to concrete

Scan Performance

Scanning type	DC-5132 2D Omni-directional
Optical resolution	640*480
Lighting source	red LED supplement
Scanning speed	500 times/s
Scanning angle	rotate Roll:0-360°, tilt pitch: ±65°, deflect SKEW: ±60°
Sweeping barcode type	paper, thin film medium one-dimensional; mobile phone, flat screen, etc.
Printing contrast	20%
Error rate	≤1/2,000,000
Interface type: USB:	USB:HID KEYBOARD (default mode), USB virtual serial port
IP level	up to IP5X standard
Prompt mode	buzzer sound prompt and green light prompt
Decode Capability	1D- 1D:Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/NW7, All UPC/EAN/JAN code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, matrix 2 of 5, Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Industrial 2 of 5, BC-412 2D- QR Code, PDF417, Data Matrix

The table below shows common problems and solutions.

FAULT DESCRIPTION	REASON	SOLUTION
1- Scanner is not getting ON (WIRED)	<ul style="list-style-type: none">• Cable interface loosed• PC USB port power supply shortage• May be USB Cable Faulty	<ul style="list-style-type: none">• Please fix connection interface• Please try to another USB port or another PC• Please check with another new cable
2- Scanner is not getting ON, Laser is not coming (WIRELESS, BT)	<ul style="list-style-type: none">• May be low battery or Discharge battery	<ul style="list-style-type: none">• Please charge to Scanner.
3- Scanner has laser but can not read the barcode	<ul style="list-style-type: none">• May be barcode damage• Scanning distance is not correct	<ul style="list-style-type: none">• Please try another barcode• Please adjust the scanning distance and angle.
4- Scanner is reading barcode but can not upload data	<ul style="list-style-type: none">• Scanner has set up to incorrect output mode• Cable transmission failure	<ul style="list-style-type: none">• Please set up correct output mode refer to the manual.• Please re plug cable or replace cable.
5- Scanner is uploading wrong decoding barcode.	<ul style="list-style-type: none">• Keyboard layout of the Scanner is different with the country you used.	<ul style="list-style-type: none">• Please use the scanner to read the correct Keyboard settings on the manual.

8- FAQ.

FAULT DESCRIPTION	REASON	SOLUTION
6- Press the trigger, red laser appears and then goes out but there is no data display in input box. (WIRELESS)	<ul style="list-style-type: none">• May be USB receiver has not plugged into the PC USB port• May be USB port of PC is out of condition.• May be USB receiver is not matched with Scanner.• May be Scanner set to “Storage Mode” or “USB virtual COM”	<ul style="list-style-type: none">• Please make sure that the USB receiver has been fully plugged into the PC USB port.• Please plug the USB receiver into another USB Port of PC.• Please unplugged the USB receiver and plug it again and refer manual to match USB receiver again.• Set to Scanner at “Instant Upload Mode” and “USB_HID” mode through manual.
7- While connecting scanner with pc shows “USB Device Not recognized”.	<ul style="list-style-type: none">• May be issue with USB port of PC• May be cable is not connected properly in Scanner• May be USB cable faulty	<ul style="list-style-type: none">• Please connect cable in another USB port of PC• Please plug the cable tightly with scanner• Try with another cable.
8- 1d barcode is reading but 2D barcode is not reading (2D SCANNER)	<ul style="list-style-type: none">• 2D scanning is disabled.	<ul style="list-style-type: none">• Please enable 2D Scanning with the help of manual.

