

# **OCBS-2002**

Hand-held 2D Barcode Scanner

Quick Start

---

# Content

## *Getting to Start*

Unpacking.....	E-01
Main Unit.....	E-01
Accessories .....	E-01
Outline and Function .....	E-03
Specification .....	E-04
Distance of Field.....	E-05
Connect HR200 to the Host.....	E-06
Removal of Communication Cable ...	E-07
ON, OFF, IDLE, RESTART .....	E-08

## *Reading*

Hand-held Mode .....	E-09
Hands-Free Mode .....	E-10

## *Programming Code*

Query .....	E-11
Factory Default .....	E-12
Reading Mode .....	E-13
RS232 Programming .....	E-14
USB Programming .....	E-17
USB HID-KBW Programming.....	E-18
Beeper.....	E-21
Line Feed and Carriage Return.....	E-22
1D Symbols .....	E-23
2D Symbols .....	E-28

## *Appendix*

A. Testing Codes.....	E-30
B. Digit Code and Save .....	E-31
C. Troubleshooting .....	E-32

---

# Getting to Start

---

## Unpacking

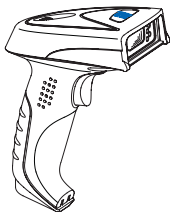
---

Unpack and check the main unit and accessories. In case there is any problem, please contact with your dealer.

---

## Main Unit

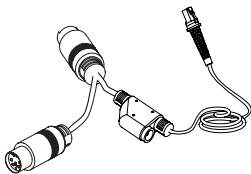
### » Scanner



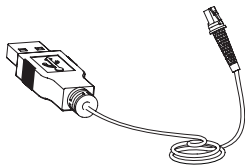
---

## Accessories

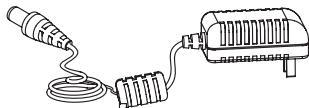
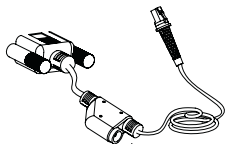
### » PS/2 Cable



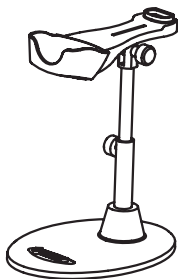
» USB Cable



» RS232 Cable + Power Adapter



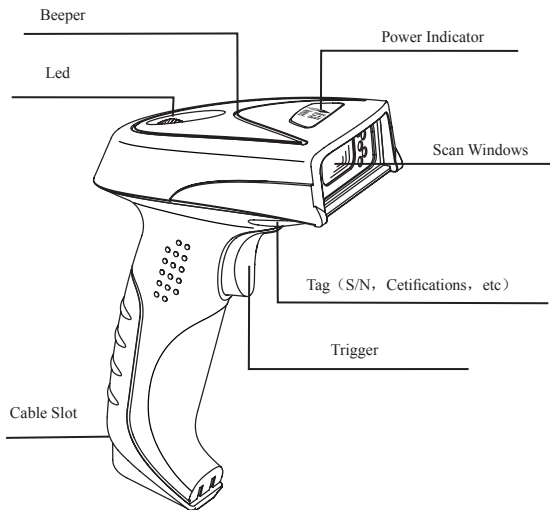
» Stand





# Getting to Start

## Outline and Function



# Getting to Start

## Specification

Performance		
Image Sensor		CMOS
Resolving		752 * 480
Interface		RS232 / HID-KBW / UDP / USB COM Port Emulation / HID-POS
Symbologies	2D	PDF417, QR Code(Model 1/2), DataMatrix (ECC200, ECC000, 050, 080,100,140), Aztec, Maxicode, etc.
	1D	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, China post 25,Interleaved 2 of 5, ISBN, Code 93, GS1 Databar, Code 11,etc
Precision		≥ 5mil
Light Source		LED(630 nm ± 10 nm)
Light Intensity		300 LUX (130 mm )
Depth of Scan Field		30 mm ~ 445 mm
Print Contrast Signal		≥30%
Roll		360°
Pitch		45°
Yaw		45°
Illumination		0 ~ 100,000 LUX
Mechanical/ Electrical		
Power Consumption		1.65 W
Voltage		DC 5 V
Current	Max	330 mA
	Oper.	290 mA
	Idle	200 mA
Weight		250g
Environment		
Operate Temperature		-5° C - +45° C
Storage Temperature		-40° C - +60° C
Humidity		5% - 95% ( non-condensing )
Certificates		
FCC Part15 Class B, CE EMC Class B		

# Getting to Start

## Distance of Field

