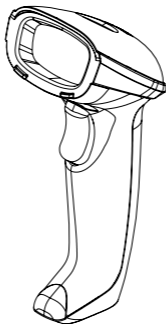




User Manual

1D Wireless Laser Barcode Scanner



Model: OV-11R

Contents

Factory Default.....	3
Power Off.....	3
Technical Parameter.....	4
2.4G USB Receiver Pairing Instruction.....	5
The Correct Usage of Barcode Scanner.....	6
Keyboard Language.....	7
Buzzer Setting.....	7
Keyboard Caps Lock Control.....	8
Transmission Speed.....	8
Scan Mode.....	9
Data Saving Mode.....	9
Data Upload Instruction in Inventory Mode.....	10
End Character.....	11
Prefix Setting.....	11
Suffix Setting.....	12
Barcode Settings.....	12
Barcode Conversion.....	14
Additional Code.....	15
Data Codes.....	15



Factory Default



Power Off

Note: Scan this barcode, scanner will make a long beep and power off.

Technical Parameter

Barcode Scanner	
Date Item	Parameter
Type of Light Source	650nm(Safe visible laser diode)
Decoding Accuracy	≥5mil
Decoding Ability	UPC-A, UPC-E, EAN-13, EAN-8, Codabar, Code 39, Code 93 Full ASCII, China Post, Plessey, MSI, Code 93, Code 128, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, Code 11, ISBN, ISSN, Code 32(Italian pharm code), Code 39 extended, ITF-14, RSS-14.
Resolution	4mil(0.1mm)
Scan Type	Single Laser
Scan Speed	≥150 times/s
Scan Mode	Manual/Continuous/Auto-sensing
Scan Angle	Yaw 65°, Rotation 30°, Pitch 55°
Depth of scan field	10-250mm(0.33mm,PCS90%)
Interface	USB-HID
Error Rate	Less than 1/5 million
Data Saving Mode	Automatic Storage Mode (default) / Instant Upload Mode (Normal Mode) / Inventory Storage Mode
Storage Ability	512,000 Bytes
Connection Ways	2.4Ghz Wireless

Continue the table below ➡

← Continue to the table

System Compatibility	Windows, Linux, Android
Lithium Battery	550mAh
Cable Length	1.2M
Material	ABS+PC
Current	85mA
Voltage	DC5V±1%
Shock Resistance	Withstands multiple 3 meters free fall
Operating Temperature	-20°C~60°C
Storage Temperature	-40°C~70°C
Operating Humidity	5%-95% RH without condensation

2.4G USB Receiver Pairing Instruction

Step 1: Scan "Factory Default"



Factory Default

Step 2: Connect USB Receiver to host device.

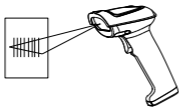
Step 3: Scan "Pairing Barcode" during the USB Receiver led indicator flashing, there will be two beeps after succeed pair.



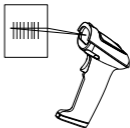
Pairing Barcode

The Correct Usage of Barcode Scanner

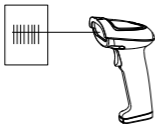
1. Make sure barcode scanner, cable/USB receiver, host device connect properly.
2. Press trigger button and the red laser line appears, and remove the laser line to cover barcodes completely, adjust barcode scanner's distance and angle to figure out best reading status.
3. Do not scan the setting barcodes in the manual without instruction, it may cause barcode scanner not work properly.
4. Avoid 90-degree to read barcodes.



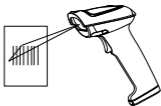
Correct reading



Correct reading



Incorrect reading



Incorrect reading

Keyboard Language



USA(Default)



French



UK



German



Italy



Spanish



Japanese

Buzzer Setting



ON(Default)



OFF



High



Low

Keyboard Caps Lock Control



None(Default)



Capitalize



Lower Case



Case Swap

Transmission Speed



No Delay



Delay 3ms



Delay 5ms

Scan Mode



Manual(default)



Continuous



Auto-sensing

Auto-sense Mode



Enable



Disable

Data Saving Mode



Automatic Storage(Default)



Instand Upload Mode



Inventory Mode

Remark:

- 1) Automatic Storage Mode (default): The data will be uploaded to host device immediately after scan if the scanner in range, the data will saved in the memory chip if the scanner out of range which will heard 2 alarm beeps, press the scanner trigger to upload the saved data after back to range, and the original data in the memory ship will be cleared.
- 2) Instant Upload Mode: The data will be uploaded to host device immediately after scan, out of range it will not save the data, and there will be 2 alarm beeps out of range.
- 3) Inventory Mode: The data will be saved in the memory chip, and upload data to host device by scan the set code in the manual.
(Refer to "Data Upload Instruction in Inventory Mode")
Eg: Scan "upload all data and clear", the scanner will upload all data saved in the memory chip and cleared the original data.

Data Upload Instruction in Inventory Mode



Upload all data and clear

(Note: Upload all stored data and clear them)



Upload all data But not clear

(Note: upload all stored data and do not clear the data)



Upload one data and delete



Upload one data But not delete



Display all data



Delete all data

End Character



CR(Default)



CR&LF



TAB



None

Prefix Setting



Add Prefix



Prefix

Eg: Add prefix "A"

Step 1: Scan above code to enter into "Add Prefix";

Step 2: Scan above code to add "Prefix";

Step 3: Scan the numeric code correspond to "A", the ASCII value of A in Hexadecimal is "4" "1" (Refer to Appendix 1 & Appendix 2);

Step 4: Scan "saved" code to save(Refer to Appendix 1).

Suffix Setting



Add Suffix



Suffix

Note: The method of adding the suffix is the same as the prefix.

Barcode Settings

Reverse Barcode Setting



Enable(Default)



Disable

EAN-8



Enable(default)



Disable

EAN-13



Enable(default)



Disable

UPCA



Enable(default)



Disable

UPC-E



Enable(default)



Disable

Code 39



Enable(default)



Disable

Interleaved 2 of 5



Enable(default)



Disable

Industrial 2 of 5



Enable



Disable(default)

Codabar



Enable(default)



Disable

Barcode Conversion

EAN 13 Converts ISBN



Enable



Disable(default)

EAN 13 Converts ISSN



Enable



Disable(default)

UPCA Converts EAN13



Enable



Disable(default)

Additional Code

2-bit Additional Code for EAN-8



Enable



Disable(default)

5-bit Additional Code for EAN-8



Enable



Disable(default)

Data Codes

Appendix 1:



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Save

Appendix 2:

Hex	Char
00	NUL (Null char.)
01	SOH (Start of Header)
02	STX (Start of Text)
03	ETX (End of Text)
04	EOT (End of Transmission)
05	ENQ (Enquiry)
06	ACK (Acknowledgment)
07	BEL (Bell)
08	BS (Backspace)
09	HT (Horizontal Tab)
0a	LF (Line Feed)
0b	VT (Vertical Tab)
0c	FF (Form Feed)
0d	CR (Carriage Return)
0e	SO (Shift Out)
0f	SI (Shift In)
10	DLE (Data Link Escape)
11	DC1 (XON) (Device Control 1)
12	DC2 (Device Control 2)
13	DC3 (XOFF) (Device Control 3)
14	DC4 (Device Control 4)
15	NAK (Negative Acknowledgment)
16	SYN (Synchronous Idle)
17	ETB (End of Trans. Block)
18	CAN (Cancel)
19	EM (End of Medium)
1a	SUB (Substitute)
1b	ESC (Escape)
1c	FS (File Separator)
1d	GS (Group Separator)
1e	RS (Request to Send)

Hex	Char
40	@ (AT Symbol)
41	A
42	B
43	C
44	D
45	E
46	F
47	G
48	H
49	I
4a	J
4b	K
4c	L
4d	M
4e	N
4f	O
50	P
51	Q
52	R
53	S
54	T
55	U
56	V
57	W
58	X
59	Y
5a	Z
5b	[(Left / Opening Bracket)
5c	\ (Back Slash)
5d] (Right / Closing Bracket)
5e	^ (Caret / Circumflex)

Continue the table below ➡

➤ Continue to the table

1f	US	(Unit Separator)
20	SP	(Space)
21	!	(Exclamation Mark)
22	"	(Double Quote)
23	#	(Number Sign)
24	\$	(Dollar Sign)
25	%	(Percent)
26	&	(Ampersand)
27	`	(Single Quote)
28	((Right / Closing Parenthesis)
29)	(Right / Closing Parenthesis)
2a	*	(Asterisk)
2b	+	(Plus)
2c	,	(Comma)
2d	-	(Minus / Dash)
2e	.	(Dot)
2f	/	(Forward Slash)
30	0	
31	1	
32	2	
33	3	
34	4	
35	5	
36	6	
37	7	
38	8	
39	9	
3a	:	(Colon)
3b	;	(Semi-colon)
3c	<	(Less Than)
3d	=	(Equal Sign)
3e	>	(Greater Than)
3f	?	(Question Mark)

5f	_	(Underscore)
60	'	(Grave Accent)
61	a	
62	b	
63	c	
64	d	
65	e	
66	f	
67	g	
68	h	
69	i	
6a	j	
6b	k	
6c	l	
6d	m	
6e	n	
6f	o	
70	p	
71	q	
72	r	
73	s	
74	t	
75	u	
76	v	
77	w	
78	x	
79	y	
7a	z	
7b	{	(Left/ Opening Brace)
7c		(Vertical Bar)
7d	}	(Right/Closing Brace)
7e	~	(Tilde)
7f	DEL	(Delete)

For more setting, welcome to contact us for tech support.

Service support: support@obzshop.com

THANK YOU FOR CHOOSING OBZ.

