

BPS 980V 2D VERTICAL SCANNER

User Manual







Basic Configuration

Interface



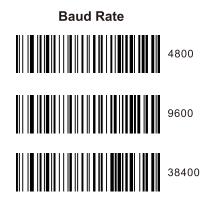
Interface Description: 1) USB-HID: The factory default setting is USB -HID, free drive. 2) Serial port mode: It needs to be equipped with a dedicated serial port wire and used in the serial port receiving software (serial port default setting: baud rate: 115200, data bit: 8 bits, stop bit: 1 bit, parity bit: none). 3) Virtual serial port: Need to install a dedicated driver.

Scan Mode

Manual(default)









Note: When the serial port communication baud rate parameter is inconsistent with the host serial port software, it can be modified through the setting code.

Terminator













Sound Setting







| | Low |
|--|-----|
|--|-----|

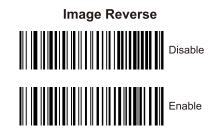
Turn on/off all symbologies











URL Code



Interleaved 2 of 5







Prefix Prefix

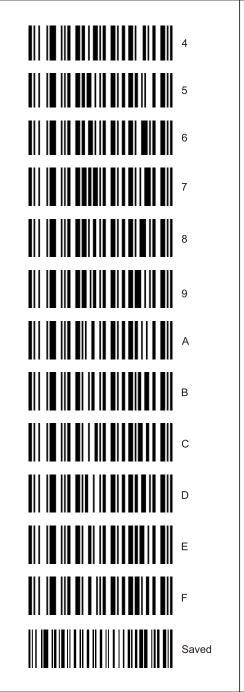
Eg , Add prefix "A" Step 1, Scan above code to add "Prefix"; Step 2, Scan the numeric code "9" and "9" in sequence (Refer to Appendix 1); Step 3, Because ASCII value of A in Hexadecimal is "41", so scan "4" and "1" in sequence (Refer to Appendix 1 & Appendix 2); Step 4, Scan "Saved" code to save (Refer to Appendix 1).



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







Appendix 2: Hex NUL (Null char.) 00 01 SOH (Start of Header) 02 STX (Start of Text) 03 ETX (End of Text) 04 EOT (End of Transmission 05 ENQ (Enquiry) ACK (Acknowledgment) 06 07 BEL (Bell) 08 BS (Backspace) 09 HT (Horizontal Tat 0a LE 0b VT (Vertical Tab) FF (Form Feed) 0c 0d CB (Carriage Return 0e SO (Shift Out) Of SI (Shift In) 10 DLE (Data Link Escape DC1 (XON) (Device Control 11 DC2 (Device Control 2) 12 13 DC3 (XOFF) (Device Control 3 DC4 (Device Control 14 NAK (Negative Acknowledgment 15 SYN (Synchronous Idle 16 ETB (End of Trans. Block) 17 CAN (Cancel) 18 19 EM (End of Medium 1a SUB (Substitute ESC (Escape) 1b FS (File Separator) 1c GS (Group Separator 1d 1e RS (Request to Send (Unit Separator 1f US 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 (Eorward Slash) 30 31 32 33 34 35 5 36 6 37 7 38 8 39 9 3a (Colon) 3b (Semi-color 3c (Less Than) 3d (Equal Sign 3e (Greater Than) 3f (Question Mark)

| 10 | | Char |
|----------|--------|---------------------------|
| 40 41 | @ A | (AT Symbol) |
| | | |
| 42 43 | В | |
| 43 | c | |
| 44 | D E | |
| 45 | F | |
| 40 | | |
| 47 | G | |
| | н | |
| 49 4a | I J | |
| 4a 4b | ĸ | |
| 40 40 | L | |
| 40 4d | M | |
| 40 4e | N | |
| 48 4f | | |
| 50 | O P | |
| | | |
| 51 52 | Q R | |
| | | |
| 53 | S T | |
| 54 | T | |
| 55 | U | |
| 56 57 | V | |
| | W | |
| 58 | × | |
| 59 | Y | |
| 5a | Z | |
| 5b | 1 | (Left / Opening Bracket) |
| 5c | N | (Back Slash) |
| 5d | 1 | (Right / Closing Bracket) |
| 5e | Ĺ | (Caret / Circumflex) |
| 5f | - | (Underscore) |
| 60 | | (Grave Accent) |
| 61 | а | |
| 62 | b | |
| 63 | с | |
| 64 | d | |
| 65 | е | |
| 66 | f | |
| 67 | g | |
| 68 | h | |
| 69 | i | |
| 6a | j | |
| 6b | k | |
| 6c | 1 | |
| 6d | m | |
| 6e | n | |
| 6f | 0 | |
| 70 | р | |
| 71 | q | |
| 72 | r | |
| 73 | s | |
| 74 | t | |
| 75 | u | |
| 76 | v | |
| 77 | w | |
| 78 | х | |
| 79 | у | |
| 7a | z | |
| 7b | { | (Left/ Opening Brace) |
| 7c | 1 | (Vertical Bar) |
| | } | (Right/Closing Brace) |
| 7d | 1 | |
| 7d 7e | ~ | (Tilde) |