

Pannobil SCANNDY2 USB HID Prefix Suffix Configuration

In the Scannidy2 config.ini file, in the [barcode] section, the two entries prefix= and suffix= allow for the configuration of a prefix and a suffix key sequence to send over the USB or Bluetooth HID interface before/after the payload data.

Ordinary keystrokes (those resulting in printable characters) are emulated by simply entering the desired output character. Special (function) keys and modifier keys (e.g. Ctrl or Alt) are produced by means of special control sequences. Below is a list of the supported control sequences.

Since the '{' and '\' characters have a special meaning assigned in this context, they have to be escaped to prevent them from being interpreted. In total, the following C-style escape sequences are supported:

List of character escape sequences

Control sequence	Effect	Remark
\b	backspace	same as {BS}
\n	linefeed	same as {ENTER}
\r	carriage return	same as {ENTER}
\t	tabulator	same as {TAB}
\[xX][0-9A-Fa-f]+	hexadecimal character code	
\\	literal backslash	
\{	opening curly brace	

List of modifier control sequences

Control sequence	Effect	Remark
{mSHIFT}	press/release the Shift key	see below for possible values of <i>m</i> .
{mCTRL}	press/release the Ctrl key	
{mALT}	press/release the Alt key	
{mALTGR}	press/release the AltGr key	
{mGUI}	press/release the Windows GUI key	
{*}	release all modifier keys	
{n}	repeat next keystroke <i>n</i> times	
{#d}	pause for <i>d</i> milliseconds	

m can take the following values:

Value	Effect
+	press and hold the respective modifier key until released explicitly
-	release the respective modifier key
(empty)	press the modifier key and hold during the following regular keystroke, then release

List of control key sequences

Control sequence	Keystroke	Remark
{ENTER}	Enter (Carriage return)	main keyboard section
{BS}	Backspace	

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Control sequence	Keystroke	Remark
{BACKSPACE}	Backspace	
{TAB}	Tab	
{SP}	Space	
{SPACE}	Space	
{CAPS}	Caps Lock	
{MENU}	Windows Menu key	usually next to right Ctrl key
{ESC}	Escape (Esc)	
{F1}	F1	
{F2}	F2	
{F3}	F3	
{F4}	F4	
{F5}	F5	
{F6}	F6	
{F7}	F7	
{F8}	F8	
{F9}	F9	
{F10}	F10	
{F11}	F11	
{F12}	F12	
{PRTSCR}	Print Screen / SysRq	
{SCRL}	Scroll Lock	
{PAUSE}	Pause / Break	
{INS}	Insert	cursor block
{HOME}	Home	cursor block
{PGUP}	Page Up	cursor block
{DEL}	Delete	cursor block
{END}	End	cursor block
{PGDN}	Page Down	cursor block
{RIGHT}	Right Arrow	cursor block
{LEFT}	Left Arrow	cursor block
{DOWN}	Down Arrow	cursor block
{UP}	Up Arrow	cursor block
{NUM}	Num Lock	numeric keypad
{KP_DIV}	/	numeric keypad
{KP_MUL}	*	numeric keypad
{KP_SUB}	-	numeric keypad
{KP_ADD}	+	numeric keypad
{KP_ENTER}	Enter	numeric keypad
{KP_1}	1	numeric keypad
{KP_2}	2	numeric keypad
{KP_3}	3	numeric keypad
{KP_4}	4	numeric keypad
{KP_5}	5	numeric keypad
{KP_6}	6	numeric keypad
{KP_7}	7	numeric keypad
{KP_8}	8	numeric keypad
{KP_9}	9	numeric keypad
{KP_0}	0	numeric keypad
{KP_DOT}	.	numeric keypad