



Using the I-O Thin Client Keyboard With Pericom Terminal Emulation

This appendix lists the Pericom Terminal Emulation virtual key assignments that enable the 122-key 5250 keyboard layout of the I-O Thin Client Keyboard. The Pericom Keyboard Macro feature is used to assign these special 5250 keys to their proper location on the 122-key 5250 keyboard layout.

On the I-O Thin Client Keyboard, 5250 functions are printed on the key caps in black. Where Windows functions differ, they are printed in blue.

For your convenience, three sample 5250 sessions have been pre-configured with this keyboard mapping and are available to be copied to the thin client using the inControl “Import” process. The import file called “Sample 122-Key Connections.vz” can be found on the I-O Thin Client Utility CD in the “Pre-Configured Connections” directory.

As an alternate, if you do not want to download the pre-configured connections, you may create your own connection and enter the keyboard mapping manually using the Pericom Settings | Keyboard Macros... function and the information in the following table.

In the table below, the key functions that do not have an entry in the Key Stroke Code and Key Strokes column do not require mapping as they function properly in their default state. Several functions have been identified as “not mapped” are not available by default, but can be mapped as desired.

IBM 122-Key 5250 Keyboard Map

Key Function	Virtual Key Name	Key Stroke Code	Key Strokes
Attention	AS_ATTEN	<VK_Escape>	Escape
Back Tab	AS_BACKTAB	<VK_Home>	Home
Backspace	AS_BACKSPACE		
Clear	AS_CLEAR	C+A+<VK_F1>	Alt+Clear
Cursor Down	AS_DOWN		
Cursor Left	AS_LEFT		
Cursor Right	AS_RIGHT		
Cursor Fast Left	AS_FASTLEFT	(not mapped)	
Cursor Fast Right	AS_FASTRIGHT	(not mapped)	
Cursor Select	AS_CURSORSEL	(not mapped)	
Cursor Up	AS_UP		
Delete Character	AS_DELCHAR		
Duplicate	AS_DUP	<VK_Prior>	Pg Up
Enter	AS_ENTER		
Erase End Of Field	AS_ERASEEOF	(not mapped)	
Erase Input	AS_ERASEINPUT	C+A+<VK_F2>	Shift+ErInp
F1 - F24	AS_F1 - AS_F24		
Field Exit	AS_FIELDEXIT		
Field Mark	AS_FIELDMARK	(not mapped)	
Field Minus	AS_FIELDMINUS		
Field Plus	AS_FIELDPPLUS	<VK_Separator>	Enter on 10 key pad
Help	AS_HELP	C+<VK_F3>	Help
Home	AS_HOME	C+A+<VK_F7>	Alt+Rule
Insert Mode	AS_INSERT		
Monochrome	AS_MONO	(not mapped)	
New Line	AS_NEWLINE	<VK_End>	End
PA1 - PA3	AS_PA1 - AS_PA3	(not mapped)	
Pause	AS_PAUSE	C+A+<VK_F5>	Alt+Record
Play Keystrokes	AS_PLAY	C+<VK_F4>	Play
Print Local	AS_PRINTLOCAL	(not mapped)	
Print	AS_PRINT		
Quit	AS_QUIT	A+<VK_Control>	Alt+LeftControl
Record Keystrokes	AS_RECORD	C+<VK_F5>	Record
Reset	AS_RESET		
Roll Down	AS_ROLLODOWN	S+<VK_Down>	Shift+DownArrow
Roll Up	AS_ROLLUP	S+<VK_Up>	Shift+UpArrow
Rule Display	AS_RULE	C+<VK_F7>	Rule
System Request	AS_SYSREQ	S+<VK_Escape>	Shift+Escape
Tab	AS_TAB		
Test	AS_TEST	C+A+<VK_F4>	Alt+Play
<	<	C+<VK_F6>	< next to Left Shift
>	>	C+S+<VK_F6>	> next to Left Shift
,	,	S+<VK_Comma>	Shift+ ,
.	.	S+<VK_Period>	Shift+ .
!	!	S+<VK_LBracket>	Shift+[
\	\	<VK_RBracket>]
		S+<VK_RBracket>	Shift+\
{	{	<VK_Backslash>	\
}	}	S+<VK_Backslash>	Shift+\

Even though the following keys are shown on the I-O Thin Client Keyboard, they are not available as a single key function. Through the use of the compose function these characters can be generated.

(Vertical Bar)	(use compose function)	Alt+C /^
¬ (Logical Not)	(use compose function)	Alt+C -,
¢ (Cent)	(use compose function)	Alt+C c/

How to Remove the 122-Key Mapping

If you will not be using the I-O 122-Key 5250 Thin Client Keyboard, and are using one of the pre-configured connections that were shipped with the thin client, you will need to remove the customised mapping for the I-O Thin Client Keyboard.

This is done by entering the pre-configured connection. On the menu bar, select Settings | Keyboard Macros. Click the “Remove All” button. Click OK. Then Click on the Diskette icon in the menu/button bar to save the changes.

As an alternate, you may simply create a new connection. By default the 101/102 keyboard layout will be used.

Notes