

Intelletto RTI Keyboard Driver.

This driver is for the Intelletto SE100-U Ethernet to Keyboard HID interface. It allows you to control a PC from RTI sending many of the commonly used keyboard commands and also many keyboard shortcuts such as CTRL + S for save.

Configuration

Connect the SE100-U to the USB port of your PC. The device is powered from the USB port so if there is no power on the USB, the device will not be able to communicate via ethernet.

Find the SE100-U on the network. The device is set to DHCP out of the box. This can be changed by browsing to the IP address of the unit. If no DHCP is present, then it defaults to 192.168.0.19.

Browse to the SE100-U and set the option for TCP Server. Also change the local port if you need to. By default, the port is 4000 and this will work fine unless you have conflicts with other drivers or devices on your network.

You can choose to turn off the beep if desired, but it can be useful for setting up the system.

Add the user licence to the driver configuration.

In the RTI driver set the IP address to match that of the SE100-U. Set the port number to match the local port of the SE100-U. Leave the remote port and IP address at their defaults.

Either copy the keyboard layout from the file included with this driver or create your own. All the keys are tagged to make life easy. If you use the tags as listed below the driver will auto program all the functions and variables.

The example file is for a UK keyboard layout. The keys will work the same for US but you will need to change the '3' button from '£/3' to '#/3'. The # key will become backslash in the US but use the same tag name.

Tag List:

Letters A to Z	KP_A to KP_Z
Numbers 1 to 0 on main Keypad	KP_1 to KP_0
Specials and symbols	
Enter	Enter
Shift	KP_SHIFT
Delete	KP_DELETE
Space	KP_SPACE
Tab	KP_TAB
Escape	KP_ESCAPE
Back	KP_BACK
Control	KP_CTRL
Alt	KP_ALT
-	KP_DASH
=	KP_EQUALS
[KP_OPENSQUARE
]	KP_CLOSESQUARE
;	KP_SEMICOLON
'	KP_SINGLEQUOTE
#	KP_HASH
,	KP_COMMA
.	KP_DOT
/	KP_FORWARDSLASH
\	KP_BACKSLASH
Print screen	KP_PRINTSCREEN

Scroll Lock
Windows Key

KP_SCROLLLOCK
KP_WINDOWS

Cursor keys and navigation

Up
Down
Left
Right
Page Up
Page Down
Home
End
Insert

KP_UP
KP_DOWN
KP_LEFT
KP_RIGHT
KP_PAGEUP
KP_PAGEDOWN
KP_HOME
KP_END
KP_INSERT

Numeric keypad keys

1 to 0 on numeric keypad
Num Lock
/
*
-
+
Enter
.

NUM_1 to NUM_0
NUM_NUMLOCK
NUM_FORWARDSLASH
NUM_MULTIPLY
NUM_MINUS
NUM_PLUS
NUM_ENTER
NUM_DOT

Function Keys F1 to F23

KP_F1 to KP_F23