i-comply Keyboard

INSTALLATION MANUAL

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Version 1

Overview

The i-comply keyboard is a simple keyboard device. It is a physically robust device, designed to perform the most commonly used control functions within VTAS.

The keyboard is IP based and a network cable must be used and is shipped without any cables, therefore it's assumed the site will provide a PoE (Power over Ethernet) switch.

Functionality

- LCD display for camera control information
- Joystick for PTZ control
- Fully customisable keys for VTAS

Pre-requisites

- Surface Controller version 7.04 or greater (Usually the same as VTAS version)

Installation

1) Connect the keyboard to the network
2) Configure the keyboard
3) Configure Surface Controller

Keyboard Setup

The configuration menu for the keyboard is entered by holding the F2 and 0 buttons down while there is no power to the keyboard, then restore power to the keyboard while still holding down the keys. Once the menu is displayed, the buttons carry out the following functions;

- F1 – Skips to the next option in the menu
- F2 – Confirms the entry for that option
- 1,2,3,4 keys move to the next corresponding value within that option

- Joystick – Up / Down moves the values up or down
- F4 – Exits out of the menu

It's important to note once having configured the IP address of the unit, it may take around 30 seconds for the unit to respond on the network.

The required configuration is as follows;

1) Kbrd 192.168.0.80 – Set the IP address of the keyboard
2) Kb TCP Port 002.188 – Set the port number in binary (default: 700)
3) Srvr 192.168.0.81 – Set the IP address of the Workstation or Client the keyboard is going to be used by

Surface Configuration

The configuration in surface is very similar to that of the AXIS joystick, however the IP address needs adding, the keyboard type value is different, and the function mappings use the prefix 'z'. Configure the SurfaceController.exe.config, located in C:\Program Files (x86)\i-COMPLY\SurfaceDriver\SurfaceController\ and is configured by the following settings;

```
<setting name="KeyboardIPAddress" serializeAs="String">
    <value>172.16.10.209:700</value>
</setting>
<setting name="KeyboardType" serializeAs="String">
    <value>64</value>
</setting>
```

Support

The next section describes the process of troubleshooting issues with the keyboard and any debugging that may be required.

Troubleshooting

Ensure the keyboard is contactable on the network via ping and then launch surface controller.

1) When the keyboard first powers on it will display a firmware version. Please ensure this is the latest provided
2) Once the unit is ready, it will display "WAIT" on the LCD screen
3) If the Surface is connected to the keyboard, the LCD screen will display "Awaiting Login" (for VTAS)
4) If Surface Controller cannot communicate with the keyboard, an error message will display "Cannot connect to IP"

Configuring Buttons

For support on configuring the buttons on the keyboard please contact i-comply via the support portal (https://support.i-comply.co.uk), or alternatively contact the helpdesk on 0113 231 1100 option 1.