COMPASS CONTROL®

PROFESSIONAL

IPort Surface Mount Module Setup Guide

Key digital®

About:

The IPort Surface Mount with Buttons combines the richness of apps with hard buttons that provide immediate access to critical control system functions. With just one ethernet cable, users can power an iPad and provide power and data to the IP keypad for simple installations. Partnered with Compass Control® Pro users gain the ultimate control experience.

Setup Communication:

The IPort Surface Mount is controlled over TCP-IP on port 10001.

Setup in Compass Navigator:

In Zone Construction, please drag and drop the IPort into the tree. Then under the "Project Variables" folder find the variable called "IPort_Button_Send_Command". The button states are saved within this array. When the value is 1 that means the button is being pressed. When 0, the button is up or has been released. The array has a changevalue event which reports when the buttons have been pressed or released. This is where you check. The default changevalue event checks if a button has been pressed and then which button has been pressed. Index 1 belongs to button 1; index 2, button 2…so on. It is in this changevalue event that commands can be sent when a button is pressed on the surface pad. If multiple commands are being sent during one button press, add at least ¼ a second of delay between each command. The more commands being sent per button press will obviously slow the entire system down. Keep that in mind. An example of variable editing is on page 3. Enter the address of the surface mount under device properties. <u>DO NOT CHANGE THE PORT</u>.

Setup Complete:
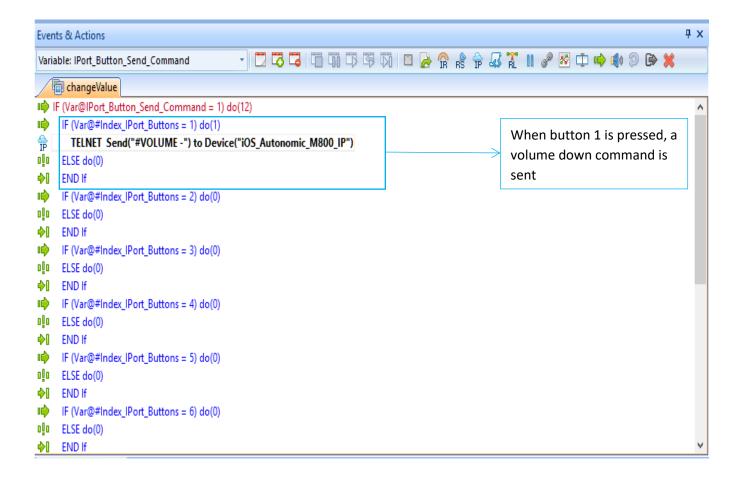
Upload and update project for use.

Compass Control® Pro Offers:

- LED button background setting
- Bi-directional Feedba*ck*
  - Button feedback

Figure 1: