

## Overview

The West Penn Wire IP Device Controller is a Linux-based PC that allows users to control hub-installed West Penn Wire products via an Ethernet Web interface.

When installed on a local area network (LAN), the IP Device Controller will scan the LAN for connected West Penn Wire products allowing the user to auto-discover, configure and control these products through an Ethernet Web interface. The Controller may also be used to manage firmware upgrades of connected West Penn Wire devices.

An Application Program Interface (API) is available to allow the West Penn Wire 8 Button IP Controller (AV-IP-C8-WH) to send commands to the IP Device Controller.

## Applications

Commercial and residential AV systems, K6 and K12 classroom AV systems, digital signage, multi-room systems, retail systems, collaborative PC systems, and medical information systems.



## Key Features

- Centralizes control of West Penn Wire products within a system
- Provides a web interface to manage & control West Penn Wire products
- Provides a control API for the 8 Button IP Controller (AV-IP-C8-WH)
- Supports I/O presets to be configured
- Serves as a base platform to develop automation control applications
- Supports Software upgrades

Specification Chart	
<b>CPU</b>	Intel Atom Z3735F processor
<b>Memory</b>	2GB RAM DDR3 32GB embedded-MMC Flash
<b>BIOS</b>	64-bit
<b>VGA / HDMI</b>	HDMI 1.4a & VGA. Resolutions up to 1920 x 1200 60Hz
<b>Peripherals</b>	USB 2.0 ports (3x) (Supports USB mobile hard drive up to 2TB) microSD card slot (1x) (Supports up to 128GB) 3.5mm Audio (MIC In, Line Out)
<b>Network</b>	10/100Mbps Ethernet
<b>Operating System</b>	Ubuntu 14.04 LTS (as of this writing)
<b>Operating Temperature</b>	10 °C to 35 °C
<b>Storage Temperature</b>	0 °C to 70 °C
<b>Storage Humidity</b>	30% to 70%
<b>Enclosure</b>	Black Aluminium and Plastic
<b>Dimensions</b>	5.3" x 4" x 1.3" (135 x 102 x 33 mm)
<b>Weight</b>	1 lb (0.5 kg)
<b>Accessories Included</b>	12VDC, 1A External Power Adaptor
<b>Regulatory</b>	FCC, CE, RoHS, WEEE
<b>Warranty</b>	Two (3) years
<b>Order Information</b>	AV-IP-NC811 IP Device Controller (UPC: 612825417675)

**Typical Application Schematic**

