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	
CPU	Intel Atom Z3735F processor
Memory	2GB RAM DDR3 32GB embedded-MMC Flash
BIOS	64-bit
VGA / HDMI	HDMI 1.4a & VGA. Resolutions up to 1920 x 1200 60Hz
Peripherals	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)
Network	10/100Mbps Ethernet
Operating System	Ubuntu 14.04 LTS (as of this writing)
Operating Temperature	10 ºC to 35 ºC
Storage Temperature	0 ºC to 70 ºC
Storage Humidity	30% to 70%
Enclosure	Black Aluminium and Plastic
Dimensions	5.3″ x 4″ x 1.3″ (135 x 102 x 33 mm)
Weight	1 lb (0.5 kg)
Accessories Included	12VDC, 1A External Power Adaptor
Regulatory	FCC, CE, RoHS, WEEE
Warranty	Two (3) years
Order Information	AV-IP-NC811 IP Device Controller (UPC: 612825417675)

Typical Application Schematic

PC

AV-IP-C8-WH

AV-IP-NC811

AV-IP-RX776

Blu-ray Player

AV-IP-WP772-WH

Display

Ethernet Switch

PC

AV-IP-WP772-WH

AV-IP-RX776

Display