Specifications

West Penn Wire IP Device Controller (AV-IP-NC811)	
CPU	Intel Z3735F
Memory	2GB DDR3
BIOS	AMI BIOS
Video	Resolution up to 1920 x 1080, (HDMI or VGA monitor)
Keyboard and Mouse	USB keyboard & mouse optional
Peripherals	• USB 2.0 ports (3x) • Micro SD slot (1x) • Network interface port (1x)
Operating System	Ubuntu 14.04 LTS
Matrix Switching Time	3 seconds (maximum)
Operating Temperature	5 ℃ to 40 ℃
Dimensions	4.52 x 4.52 x 1.4 inch (115 x 115 x 35 mm)
Weight	1.1 lb (0.5 kg)
Accessories Included	External Power Adaptor
Regulatory	FCC, CE, RoHS, WEEE
Order Information	AV-IP-NC811 IP Device Controller

Please download the complete AV-IP-NC811 IP Device Controller product Operation Manual from the West Penn Wire web site (at www.westpennwire.com).

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IP Device Controller
AV-IP-NC811
Quick Installation Guide

Overview

The West Penn Wire IP Device Controller (AV-IP-NC811) 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 AV over IP products allowing the user to auto-discover, configure and control these products through an Ethernet Web interface.

Applications

Application is for control of the West Penn Wire AV over IP product line. The controller can be used to implement a distributed virtual matrix over IP.

Installation

1. Connect the Ethernet port of the controller to the Ethernet switch and then apply power to the unit (the Ethernet port should be connected before applying power). The unit will auto-start, there is no need to press the power button.

2. During the power-up sequence the LED will initially transition from red to blue and requires approximately an additional 60 seconds for the unit to complete this cycle.

3. With the use of a computer and a browser, connect to the controller web page.
   The unit default static IP address is: 192.168.168.50
   The computer will need to be on the same local IP network.

   If the unit is configured in DHCP mode, then the IP address will be assigned by the DHCP/network server. Check with an IT administrator for available IP addresses.

4. The next and final step is to setup and configure the IP Device Controller via the controller web interface. In order to accomplish this, navigate to the West Penn Wire web site (at www.westpennwire.com) and download the AV-IP-NC811 IP Device Controller Operation Manual. The manual will provide the necessary instructions to complete the remaining system setup and configuration.

Troubleshooting

The following table describes some of the symptoms, probable causes and possible solutions in regard to the installation of the IP Device Controller.

Also, please download and read the latest AV-IP-NC811 IP Device Controller Operation Manual from the West Penn Wire web site.

Symptom	Probable Cause	Possible Solution
No power LED	No power to the unit	Verify that the power supply is connected to the unit, and if the AC adaptor is connected to the power source.
Red power LED	Unit is off Boot failure or unit was shutdown	Press the power button to turn on the unit. The power LED should change from red to blue after a short period and will then complete the power-up sequence within approximately 60 sec.
Unable to connect to web page	Bad network cable or wrong IP address	The controller and host computer need to be in the same local IP network to be able to communicate.
Unable to connect to web page	Unknown IP address	Connect a keyboard and monitor to the controller. Press enter on the keyboard and check the controller IP address displayed on the monitor. If IP address is not shown, then make sure the Ethernet cable is good and properly connected, and then reboot the unit by cycling the AC power.

If you still can't diagnose the problem, please contact West Penn Wire Customer Technical Support at 800-245-4964 (toll-free in North America) or at AVsupport@westpennwire.com