MuxLab
PRODIGITAL

Overview

The MuxLab ProDigital Network Controller is a Linux-based PC that allows users to control hub-installed MuxLab products via an Ethernet Web interface.

When installed on a local area network (LAN), the MuxLab Network Controller will scan the LAN for connected MuxLab products allowing the user to configure and control these products through an Ethernet Web interface.

Applications

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

Key Features

- Centralizes control of all MuxLab products within a system
- Provides a web interface to manage & control MuxLab products
- Provides a mobile web interface for smartphones and tablets
- Provides control APIs (IP & RS-232) for third party control integration
- 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 10.04
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	500811 ProDigital Network Controller (UPC: 627699008119)

Typical Application Schematic