DIGITALINX
▷IP
BY LIBERTY AV SOLUTIONS

FLEXIBLE AV OVER IP
VIDEO DISTRIBUTION

Dante **4K ULTRAHD** **HDR High Dynamic Range**

RELIABLE. EASY TO DEPLOY. LOW COST

DIGITALINX IP
BY LIBERTY AV SOLUTIONS

5000 Series 4K VIDEO OVER IP

Build flexible 4K-capable A/V matrix and video wall solutions easily over a 1Gb network infrastructure. The 5000 series can route HDMI 4K video, HD audio, USB 2.0 Full Speed, bi-directional IR and RS232 signals from any encoder to any decoder independently.

PoE

Encoders and decoders can be powered using a Managed PoE Network switch. No power supplies required!

JPEG 2000

Encoding A/V streams with JPEG 2000 is ideal for generating visually lossless A/V signals over 1Gb Network and providing A/V systems such as training rooms and conference rooms with low-latency performance.

4K HDR

Streams visually lossless 4K HDR10 content over a 1Gb Managed Network. Scale and route ANY content to ANY type of display, 4K, 1080p or 720p!

Visually lossless compression allows for low-latency performance, <2fps.
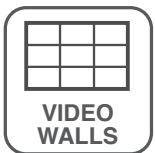
VIDEO WALLS

Supports Video Wall applications up to 16x16 with configuration presets, mouse roaming, and mixed matrix / video wall options available.

1GB

Route A/V signals over a low-cost 1Gb network infrastructure. No 10Gb switches required!

Dante

Using the IPEX5001-D Dante enabled encoder, on ramp 2 channels of audio either from the HDMI embedded audio or from the 3.5mm analog audio input onto a Dante network. Video and Dante audio in ONE cable!

HDCP 2.2

Flexible HDCP management per decoder is built in. 4K TV with no HDCP 2.2 support? No problem!

IPEX5001-D

IPEX5001
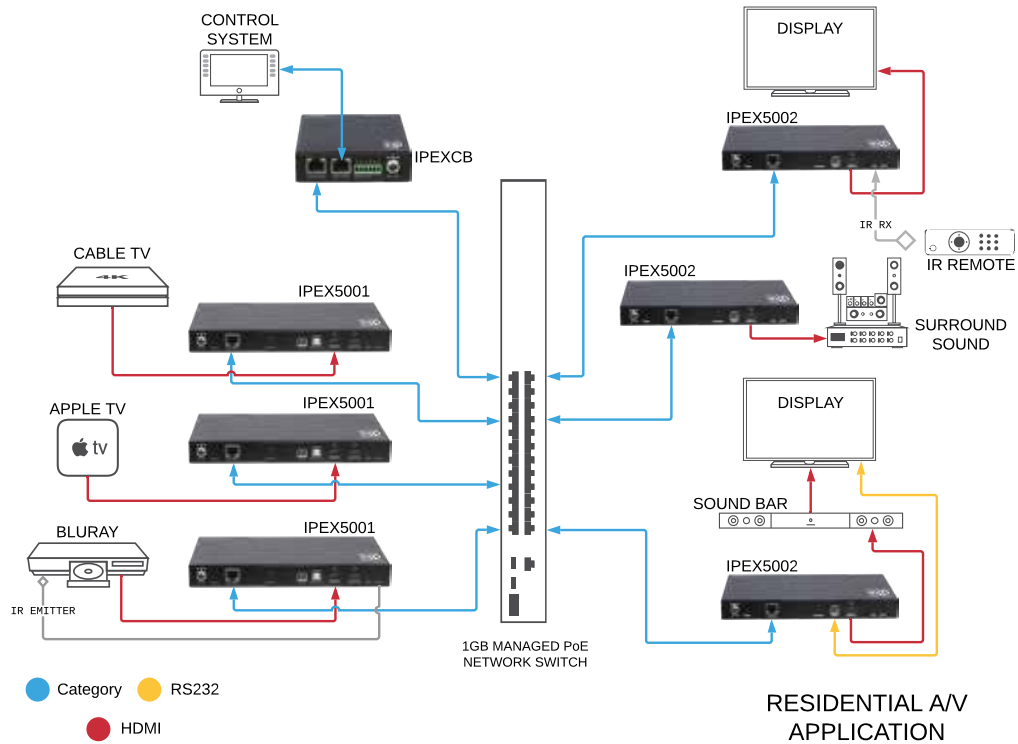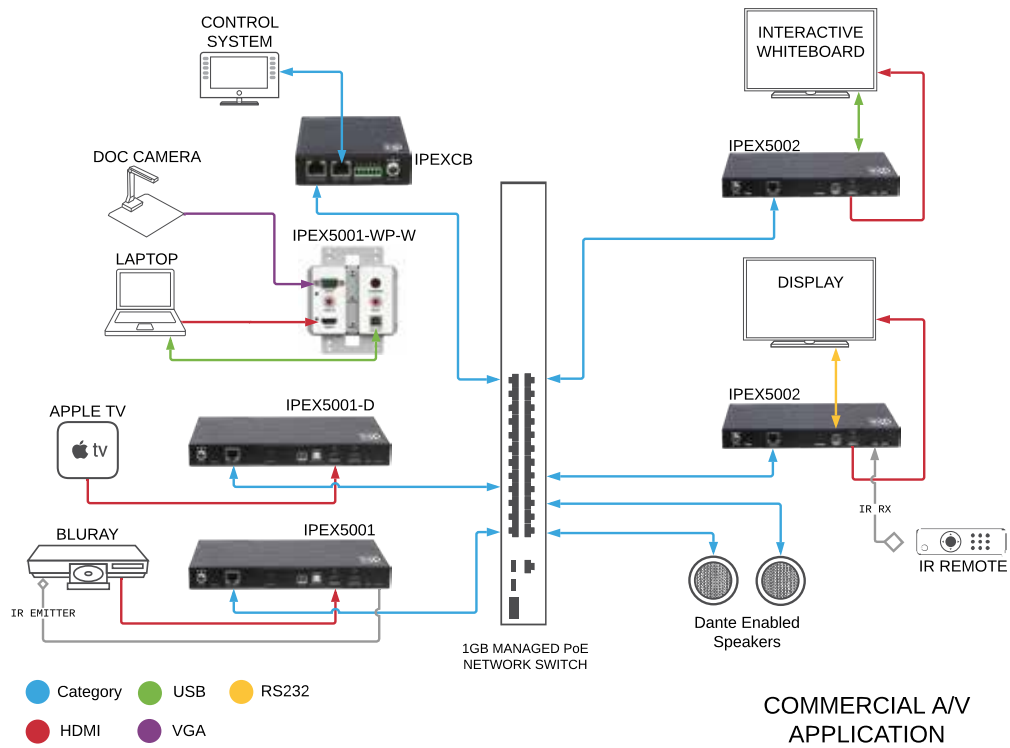
IPEX5002

IPEX5001-WP-W

IPEXCB

CONTROL

Single point of control and processing for DigitaLinxIP Video Systems. Works with the Digi IP iPad and Windows app for simple control.

CONTROL DRIVERS AVAILABLE

CRESTRON   Control4   ELAN   SAVANT   Key digital   RTI

5000 Series Application Drawing

COMMERCIAL A/V APPLICATION

CONTROL SYSTEM

INTERACTIVE WHITEBOARD

DOC CAMERA

IPEXCB

IPEX5002

IPEX5001-WP-W

LAPTOP

DISPLAY

APPLE TV

IPEX5001-D

IPEX5002

BLURAY

IPEX5001

IR EMITTER

IR RX

IR REMOTE

1GB MANAGED PoE NETWORK SWITCH

Dante Enabled Speakers

- ● Category
- ● USB
- ● RS232
- ● HDMI
- ● VGA

RESIDENTIAL A/V APPLICATION

CONTROL SYSTEM

DISPLAY

IPEXCB

IPEX5002

CABLE TV

IR RX

IR REMOTE

IPEX5001

IPEX5002

SURROUND SOUND

APPLE TV

IPEX5001

DISPLAY

BLURAY

IPEX5001

SOUND BAR

IR EMITTER

IPEX5002

1GB MANAGED PoE NETWORK SWITCH

- ● Category
- ● RS232
- ● HDMI

SUITABLE APPLICATIONS

RTOC

EDUCATION

CORPORATE

HOSPITALITY

RETAIL

3

2100 Series 1080p VIDEO OVER IP

Build flexible 1080p capable A/V matrix and video wall solutions easily over a 1Gb network infrastructure. The 2100 series can route HDMI HD audio/video and RS232 signals from any encoder to any combinitaion of decoders. A multi-view decoder is available to display multiple sources to one display or projector.

PoE
Encoders and decoders can be powered using a Managed PoE Network switch. No power supplies required!
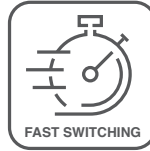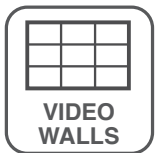
FAST SWITCHING
Features fast / seamless switching for high-performance environments!

1080p Full HD
Streams signals up to 1080p / Full HD and 1920x1200 onto a 1Gb Managed Network. Advanced auto scaling output on each decoder allows for simple integration.

1GB
Route A/V signals over a low-cost 1Gb network infrastructure. No 10Gb switches required!

VIDEO WALLS
Supports Video wall applications up to 16x16 format.

H.264 MPEG-4/AVC
Encoding A/V streams with h.264 is ideal for generating A/V signals over 1Gb Network and providing A/V systems for entertainment venues and digital signage.

Multiviewer available! Supports up to 9 sources in a tile mode and 6 sources in a window / overlay mode. Scales up to 4K!

IPEXCB

CONTROL
Single point of control and processing for DigitaLinxIP Video Systems. Works with the Digi IP iPad and Windows app for simple control.

IPEX2102

IPEX2101

IPEX2102MV

FLEXIBLE RACKMOUNTING OPTIONS

DL-HDRKUNV1

IPEXRK
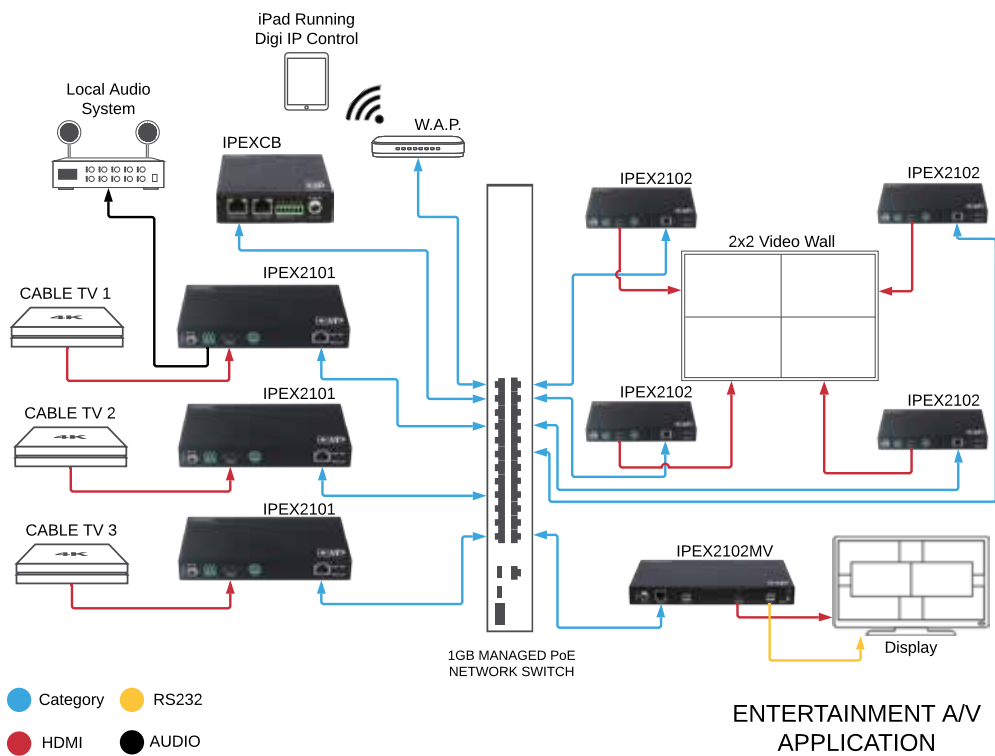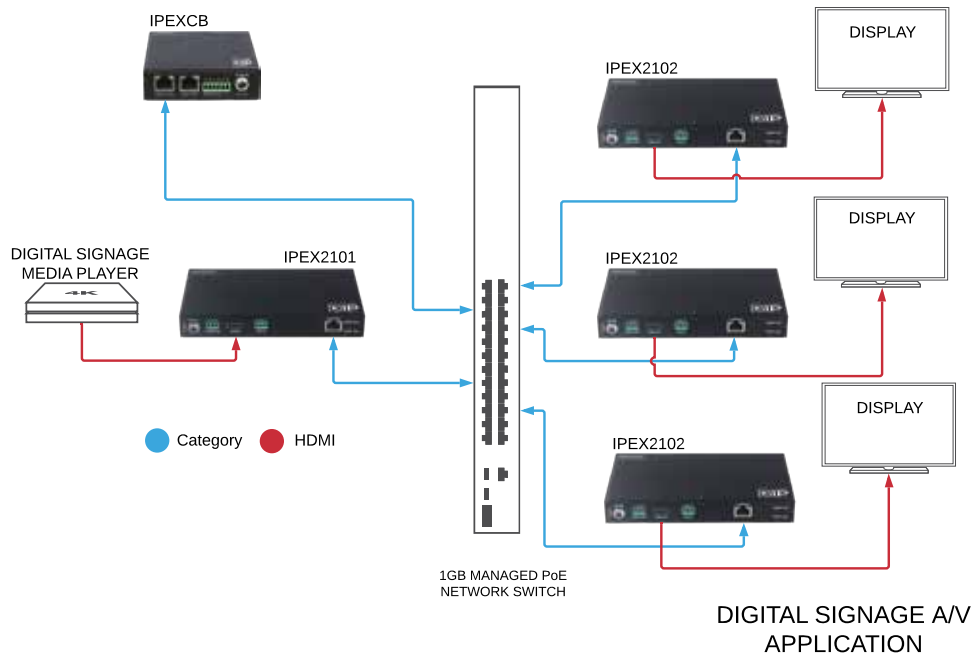
DL-HDRKUNV6

CONTROL DRIVERS AVAILABLE

CRESTRON   Control4   ELAN   SAVANT   Key digital   RTI

2100 Series Application Drawing

IPEXCB

IPEX2102

DISPLAY

DIGITAL SIGNAGE
MEDIA PLAYER

IPEX2101

DISPLAY

IPEX2102

● Category ● HDMI

DISPLAY

IPEX2102

1GB MANAGED PoE
NETWORK SWITCH

DIGITAL SIGNAGE A/V
APPLICATION

iPad Running
Digi IP Control

Local Audio
System

IPEXCB

W.A.P.

IPEX2102

IPEX2102

2x2 Video Wall

CABLE TV 1

IPEX2101

IPEX2102

IPEX2102

CABLE TV 2

IPEX2101

CABLE TV 3

IPEX2101

IPEX2102MV

Display

1GB MANAGED PoE
NETWORK SWITCH

● Category   ● RS232
● HDMI   ● AUDIO

ENTERTAINMENT A/V
APPLICATION

SUITABLE
APPLICATIONS

VENUES   RETAIL   CORPORATE   HOSPITALITY

iPad / Windows App

## DigitaLinxIP iOS/PC Control/Preview App
Provides complete matrix or video wall control

- Designed for SIMPLE system control
- See source previews LIVE
- Drag and drop to route video sources to displays or projectors
- Power ON/OFF displays with either CEC or RS232 protocols
- Create Decoder groups for zoning
- App allows you to hide Decoder groups per iPad so up to 5 iPads can control up to 5 sseparate zones and only control those areas
- Creates, stores and recalls up to three AV routing presets per group

Drag & Drop App easily moves video to desired displays

Remote Management on the Cloud
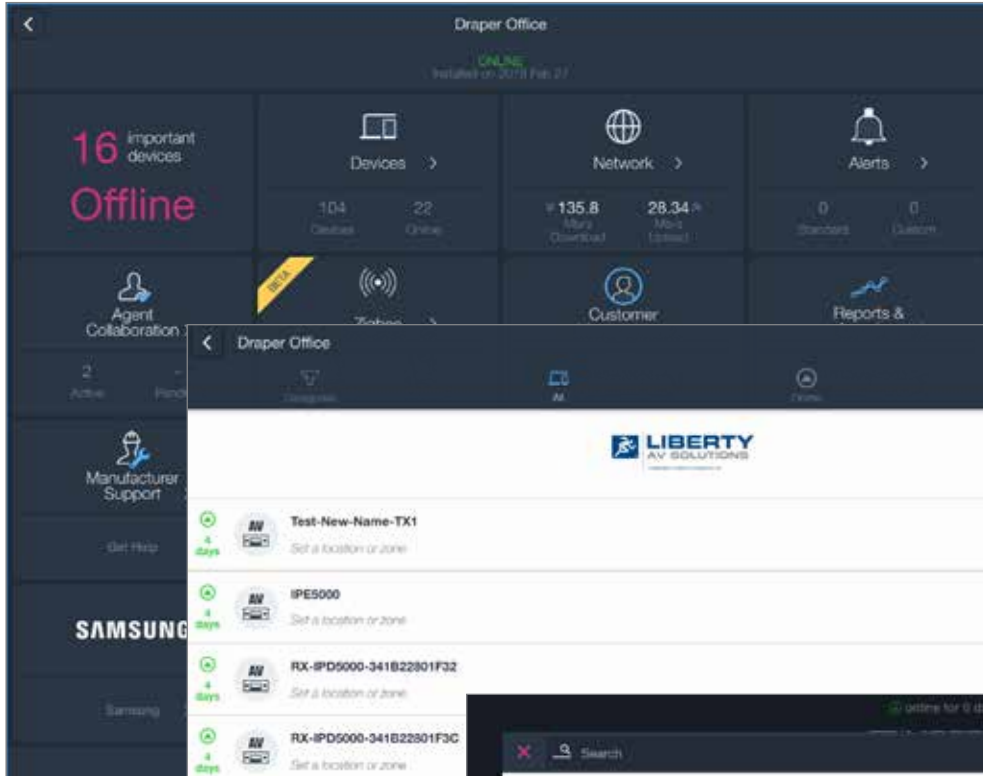
Digi IP natively populates in Domotz cloud platform when detected
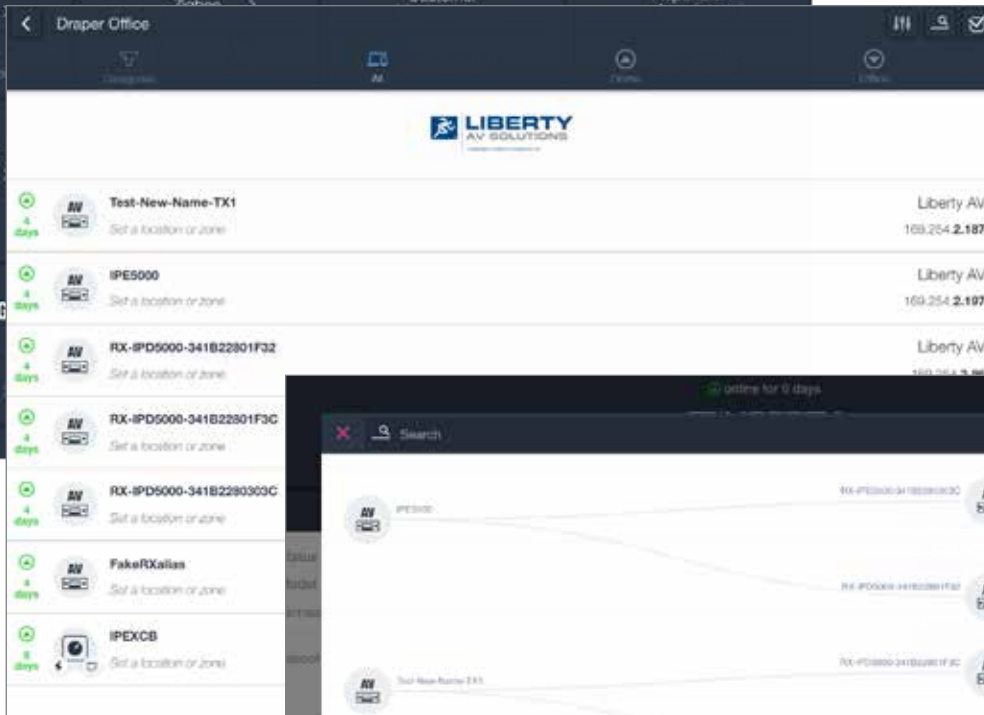
Set up critical alerts when critical devices such as encoders / decoders or the IPEXCB goes down or has issues

Digi IP populate under the Liberty AV tile for easy device location in the Domotz cloud portal

DIGITALINX IP IS POWERED BY:

domotz

# THE ALL NEW NIVEO PROFESSIONAL ZERO-CONFIG VIDEO-OVER-IP SWITCHES

RELIABLE – EASY – AFFORDABLE

The all new NGS-IPV-switches are designed to make any Video-over-IP project as simple as can be. Simply unpack, plug in and go! Powers most standard PoE+ encoders and decoders. The built-in remote management software allows for easy access and monitoring of the switches and the encoders and decoders. Supports most 1-Gigabite based Video-over-IP systems.

- Liberty stocks Niveo Level 2 Managed PoE Network Switches perfectly suited to work with Digi IP encoders and decoders

- Preconfigured switches AND systems available! SAVE THOUSANDS IN LABOR!

- 1G, 10G options available

- The NGS-IPV switches are pre-configured out of the box to work with Digi IP. No network configuration required for single network switch systems!

# INFRASTRUCTURE FOR DIGI IP POWERED BY Liberty WIRE & CABLE
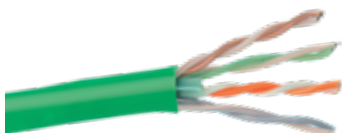
Category 6 U/UTP EN Series 23 AWG 4 Pair Unshielded Cable Reel
24-4P-P-L6-EN

- Solid annealed bare copper conductors
- Fluoropolymer insulation
- 4 pairs twisted in varying lays and cabled
- Plenum rated PVC jacket
- TIA/EIA-568-C category 6 and tested to 550 MHz
- NEC CMP, CEC CMP FT6, RoHS compliant
- 1000-foot spools, nested boxes, or cool spool boxes

Liberty Reduced Profile HDMI Patching Cables with High Retention
M2-HDSEM-M SERIES

- High-retention gold-plated HDMI "A" plugs fully shielded from connector shroud to shroud
- High-Speed HDMI with Ethernet rated
- Audio Return, Ethernet, CEC on all lengths
- AWM rated, RoHS/REACH Compliant
- Lengths: 1, 2, 3, 4, 5, 6, 8, 10, 12, and 15 feet
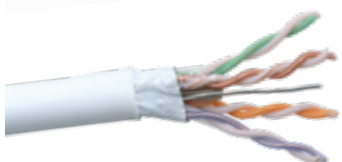
Category 6 F/UTP EN Series 23 AWG 4 Pair Shielded Cable Reel
24-4P-P-L6SH

- 23 AWG solid bare copper conductors
- FEP, fluorinated ethylene propylene (Teflon™)
- Color striping on white conductors
- Varying lay twisted pairs cabled on a common axis
- 100% foil shield with foil and drain facing in
- Ripcord under the jacket
- PL-PVC, plenum rated polyvinyl chloride alloy jacket

LAN Solutions Shielded Category 6 Pre-Made Patch Cable
PC6BS

- Category 6 F/UTP shielded stranded patch cable
- 8P8C modular RJ45 plugs with gold flash plated contacts
- Strain relief boots as required by 568 standard
- Factory tested to ANSI/TIA-568C Cat6 patch cable
- UL listed AWM, RoHS compliant

L0331

www.libav.com 800-530-8998

LIBERTY AV SOLUTIONS