



With the unmatched scalability and value of the VIEW Pro D110-4K VIDEODSP™ decoder, uncompromised delivery and quality of digital media has never been more secure, easy, or accessible.

The D110-4K supports all AV distribution via existing IP networks and infrastructure to all endpoints—from video wall screens to single, large-display screens, including displays with 4K resolution. A feature-rich audio and control port set rounds out a superior AV experience.

### Ultra High Quality Video

- + High profile H.264 lossless compression
- + H.265 High Efficiency Video Coding compression
- + 4K resolution with 60 FPS output
- + Compatible with 1080p resolution screens
- + 24-bit true color with 4:4:4 color space
- + Low latency - end to end
- + Full HDCP support

### Unlimited Scalability

- + Any number of inputs & outputs in any combination
- + One source to many displays
- + Many sources to one display
- + Many sources to many displays

### Flexible Control

- + VIEW Virtual Matrix control application
- + Matrix view of all live sources & destinations
- + In-room controller - touch panel & web
- + 3<sup>rd</sup>-party control - AMX, Crestron, Utology

### Standards-based

- + Existing IP network infrastructure
- + Uses standard CAT 5e/6 cabling
- + Interoperates with 3rd party systems
- + RTSP/UDP streaming
- + Backward compatible with 1080p VIEW Pro products

### Video Composition & Video Wall

- + Software license (one time, per unit)
- + Video-wall, Video-windowing, video-composition
- + Layout management
- + Text overlay, screen rotation

### Configuration & Management

- + Auto-discovery of encoders & decoders
- + Device configuration & management
- + Project management
- + System monitoring & troubleshooting



## APPLICATIONS

Corporate

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Education

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Command & Control Centers

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Telemedicine & Healthcare

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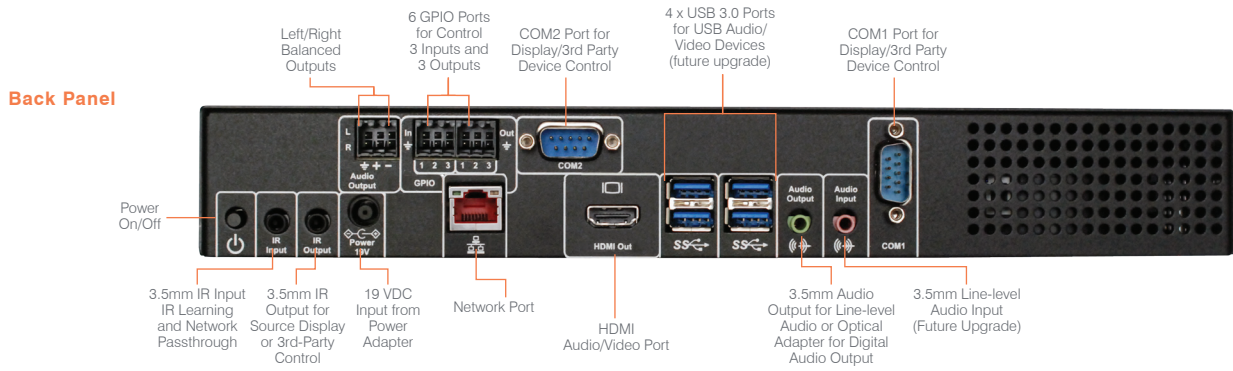
Hospitality & Entertainment

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House of Worship

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Transportation



## PRODUCT SPECIFICATIONS

### Video

#### Digital Video Connection:

X1 HDMI 2.0a output

#### Supported Resolutions:

- 4K60 DCI (Digital Cinema Initiatives) 4096×2160, 60 FPS
- 4K60 UHD TV (Ultra High Definition TV) 3840×2160, 60 FPS
- 1080p60 1920×1080
- HD720 1280×720
- UXGA 1600×1200
- WSXGA+ 1680×1050
- SXGA+ 1440×1080 & 1440×1050
- WXGA 1440×900
- SXGA 1280×1024
- XGA 1024×768
- SVGA 800×600
- VGA 640×480

#### Compression Standard:

- H.265 HEVC
- H.264/MPEG4 Part 10 (AVC)
- Baseline, Main, High profiles up to 4.2

#### Color Space Support:

- 24-bit
- RGB 4:4:4
- YCbCr 4:2:0

#### HDCP 2.1 Support

#### Scaling Support

### Audio

#### 2 CH Balanced Analog Audio Output:

- Maximum Input Amplitude: 20dBu
- THD+N = .006% (20dBu input)
- Dynamic Range: 106dB
- Frequency Response: +/- 0.5dB (20->20KHz)
- Crosstalk: -80dB
- Removable Phoenix 3.55mm (6 pos × 1)

#### 2 CH Unbalanced Analog Audio Input:

- THD+N = -84dB, Dynamic Range = 90dB
- SNR = 95dB
- Crosstalk = -80dB, 3.5mm phone jack (T/S/R 3 pos.)
- Future 3.5mm phone jack (T/S/R 3 pos.)
- (Currently not used)

#### 2 CH Unbalanced Analog Audio Output:

- THD+N = -84dB, Dynamic Range = 95dB
- SNR = 95dB
- Crosstalk = -80dB, 3.5mm phone jack (T/S/R 3 pos.)

#### Digital Audio I/O:

- X1 output via HDMI port & 3.5mm mini TOSLINK
- (Requires 3.5mm to TOSLINK adapter)

#### USB Audio:

X1 Output (future)

#### Networking, Channels and Protocols

##### 10/100/1000 RJ45:

X2 Gigabit ports

##### Video Streams (Channels):

Up to 4K@60Hz OR 4096 × 2160 @ 60 Hz

##### Audio Streams (Channels):

- Stereo or multi-ch pass through
- Configured as 3 outputs of 2 Stereo analog,
- or 1 Stereo or multi-ch digital

##### StreamNet Discovery & Control:

Requires StreamNet Firmware 3.1x or higher

#### Control

##### Serial RS232 Port:

DB9

##### IR Output:

3.5mm phone jack (T/R 3 pos.)

(Compatible with StreamNet and other IR Emitters)

#### IR Input:

3.5mm phone jack (T/S/R 3 pos.)

(Compatible with StreamNet IR Sensor only)

#### USB 3.0, 2.0:

Future support

#### GPIO Inputs:

- X3, removable Phoenix 3.55mm (6 pos × 1)
- Contact Closure sensor input

#### GPIO Outputs:

X3, removable Phoenix 3.55mm (6 pos × 1) Latching Relay Contact Closure output 20V@1A Max

### General

#### Power:

19VDC / @2A Normal Operation / @6A Max

#### Rear Panel Power Button:

Short press safe power cycle / long press forced shut down

#### Power LED Color Status:

State	LED Color
Normal	Blue
Boot	Green
Error	Red
Upgrade	Amber

### Mechanical

#### Dimensions (W x H x D):

12.2" × 7.4" × 1.75" (310mm × 188mm × 44.4mm)

### PRODUCT SPECIFICATIONS

**Weight (Unit):**

5.3Lbs (2.4Kg)

**Mounting:**

- Wall Mount
- Rack Mount

**Operating Temperature:**

32 to 104 °F (0 to 40 °C)

**Items Included:**

- Power supply
- Wall mount

**Other VIEW Pro Products****4K:**

- VIEW Pro 4K Encoder E110-4K: 910-0000-007

**1080p:**

- VIEW Pro Encoder E110: 910-0000-006
- VIEW Pro Encoder E120: 910-0000-001
- VIEW Pro Decoder D110: 910-0001-001
- VIEW Pro Decoder D210: 910-0003-001
- VIEW Pro Decoder D310: 910-0003-002

**Part Number**

910-0003-003

**Software Licenses**

- StreamNet Audio license: 910-0001-002
- Audio Mixing License: 910-0001-003
- PANORAMA™ Video-composition & Video-wall license: 910-0001-004
- 3rd Party RTSP/UDP License: 910-0001-005
- Local Playback License: 910-0001-06

**Future Upgrade Options**

- USB HID Features (future license)

**VIEW Pro Accessories**

- VIEW Pro Rack mount: 910-0002-001
- VIEW Pro Wall mount: 910-0002-002
- VIEW Pro IR Receiver: 910-0002-004
- VIEW Pro IR Receiver & Emitter: 910-0002-005

## SALES AND INQUIRIES

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