



A VIDEODSP™ product of unmatched scalability and value, the VIEW Pro D110 Decoder makes uncompromised delivery and quality of digital media more secure, easy, and accessible than ever before.

The D110 supports all AV distribution via your existing IP networks and infrastructure to all endpoints – from video wall screens to single and large-display screens.

A variety of output ports – HDMI AV; balanced, unbalanced audio; various control ports including serial, infra red, and general purpose enable a superior AV experience.

Ultra High-Quality Video

- + High profile H.264 lossless compression
- + Full HD 1080p60 resolution
- + 24-bit true color with 4:4:4 color space
- + Ultra 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
- + 3rd-party control: AMX, Crestron, Uteology

Standards-based

- + Existing IP network infrastructure
- + Uses standard CAT 5e/6 cabling
- + Interoperates with 3rd party systems
- + RTSP/UDP streaming

Video Composition & Video Wall

- + Software license
- + Video-wall, Video-Composition and Video-Windowing
- + Layout management
- + Text overlay, screen rotation

Configuration & Management

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



APPLICATIONS

Corporate

Education

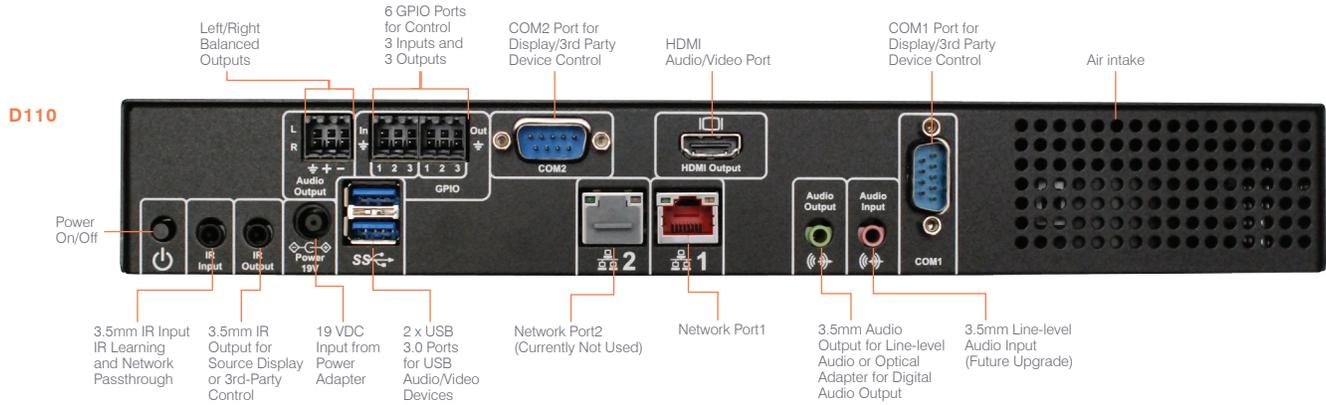
Command & Control Centers

Telemedicine & Healthcare

Hospitality & Entertainment

Transportation

Houses of Worship



PRODUCT SPECIFICATIONS

Video

Digital Video Connection: X1 HDMI 1.4a output

Supported Resolutions:

- 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.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 = 90dBA
- SNR = 95dBA
- 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 = 95dBA
- SNR = 95dBA
- 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):

- 1 1080p@60Hz or 1920×1200@57Hz

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 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:

- 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)

Weight (Unit): 5.3Lbs (2.4Kg)

Mounting: Wall, Rack, VESA 100x100 mm bracket

Operating Temperature: 32 to 104 °F (0 to 40 °C)

Items Included: Power supply, Wall mount

Part Number

910-0001-001

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: 910-0001-006

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

VIEW Pro VESA bracket: 910-0002-006

Other VIEW Pro Products

VIEW Pro Encoder E120: 910-0000-001

VIEW Pro Encoder E110: 910-0000-006

VIEW Pro Decoder D310: 910-0003-002

VIEW Pro Decoder D210: 910-0003-001

SALES AND INQUIRIES

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