



A VIDEODSP™ product unrivaled in scalability, performance and cost, the VIEW Pro E110-4K promises AV streaming and delivery that is uncompromised in clarity, ease of use and deployment, and efficiency.

The E110-4K supports all AV inputs for digital media distribution via your current IP networks and infrastructure to all endpoints—from video wall screens to single, large-display screens, including displays with 4K resolution.

Ultra High Quality Video

- + High profile H.264 lossless compression
- + H.265 High Efficiency Video Coding compression
- + 4K resolution with 60 FPS input
- + 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
- + 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
- + 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

Education

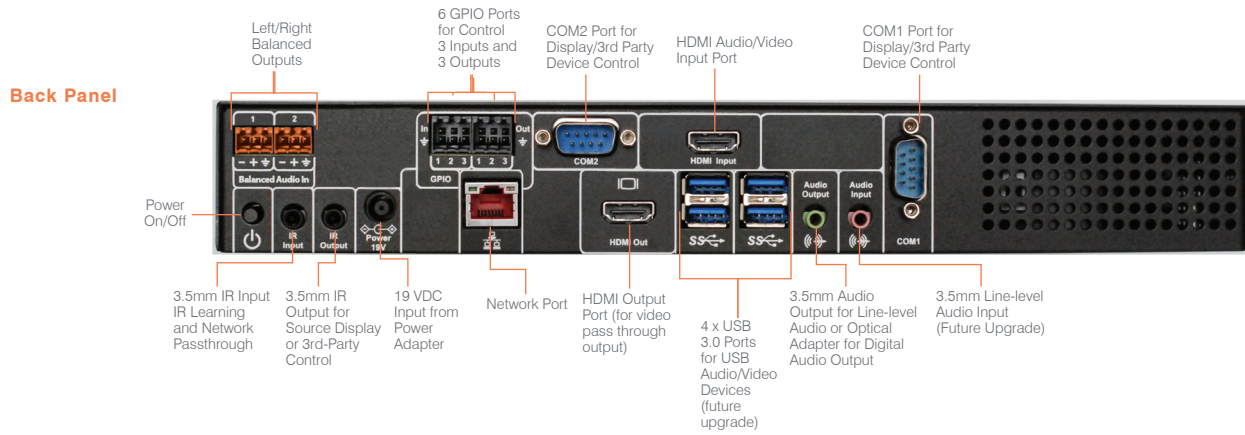
Command & Control Centers

Telemedicine & Healthcare

Hospitality & Entertainment

House of Worship

Transportation



PRODUCT SPECIFICATIONS

Video

Digital Video Connection:

- X1 HDMI 2.0a input

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
- WUXGA 1920×1200 (scaled resolution)
- 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
- X1 via HDMI input port

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

- X1

Scaling Support

Audio

2 CH Audio Encoding:

- LPCM (Uncompressed) MPEG4 AAC-LC
- Sample Rate: (KHz); 11, 22, 24, 32, 44.1, 48, 96, 128, 192
- Bit Rates: (Kbps); 32, 96, 128, 192, 320

2 CH Unbalanced Analog Audio Input:

- THD+N = .006% @20dBu
- Dynamic Range: 106dB
- Frequency Response: +/- 0.5dB (20->20KHz)
- Crosstalk: -80dB
- Removable Phoenix 3.55mm (3 pos x 2)

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.)

Digital Audio I/O:

- X1 input via HDMI ports

USB Audio:

- X1 input (future upgrade)

Networking, Channels and Protocols

10/100/1000 RJ45:

- X2 Gigabit ports

Video Streams (Channels):

- Up to 4K@60Hz OR 4096 x 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 x 1)
- Contact Closure sensor input

GPIO Outputs:

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

PRODUCT SPECIFICATIONS

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" x 7.4" x 1.75" (310mm x 188mm x 44.4mm)

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

Part Number

910-0000-007

Software Licenses

- StreamNet Audio license: 910-0000-002
- Audio Mixing License: 910-0000-003
- PANORAMA™ Video-composition & Video-wall license: 910-0000-004
- 3rd Party RTSP/UDP License: 910-0000-005

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

Other VIEW Pro Products

4K:

- VIEW Pro 4K Decoder D110-4K: 910-0000-006

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

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