

Avedia X-View Integrated Displays

All-in-one HD Digital Signage Solution



Display dynamic digital signage and play back high-quality IPTV with the brand new range of X-View Integrated Displays. Powered by VITEC technology, X-View Integrated Displays are suitable for use in a variety of environments where communication is key.

VITEC's X-View Integrated Displays feature 100% hardware-based video decoding, ensuring seamless playback of live IPTV streams or files, and solid state components all packaged within an eye-catching display.

X-View Integrated Displays are controlled and operated from the Avedia Platform, simplifying the complexity and costs associated with the initial deployment of an advanced IPTV and signage solution. This ensures that the system is intuitive to operate and can scale up to adapt to any expanding customer environment.

Designed with maximum video performance, lowest playback latency and highest reliability in mind, VITEC's X-View Integrated Displays feature 100% hardware-based video decoding, HD playback of live IPTV streams or video files, and solid state components, all packaged in an 11.6" or 21.5" display.

Features & Benefits

- Supports IPTV streams up to 4K (downscaled to HD)
- Play back dynamic ArtioCreate Signs digital signage content, combining text, graphics and videos to engage audiences
- Enable viewers to enjoy live and recorded TV, movies, information and more
- Combine video with full HD graphics and animations
- Store up to 3 hours of video content
- Quiet, fanless design
- Plug-and-play connectivity with Power over Ethernet
- Stream playback synchronized across multiple displays
- Built-in AV mode finds and displays TV and radio channels within a minute of initial startup

| | XV151A11 | XV151A21 |
|--|--|-----------------------|
| Compatibility | | |
| Signs | | ✓ |
| Portals | | ✓ |
| Display Specifications | | |
| Display size | 11.6" | 21.5" |
| Bezel width | 29mm | 24mm |
| LCD technology | TFT-LCD | |
| Viewing angle | 85° minimum | |
| Color depth | 16.7 million colors | |
| Resolution | 1920 x 1080 (FHD) | |
| Refresh rate | 60 Hz | |
| Contrast | 800:1 | 1,000:1 |
| Luminance | 300 cd/m ² | 500 cd/m ² |
| Lifetime (<50% Brightness) | 15,000 hours | 30,000 hours |
| Anti-glare coating | ✗ | ✓ |
| Built-in stereo speakers | ✓ | |
| Interfaces | | |
| Network | 10/100 Mbps | |
| IR Remote Control (IR extender required) | ✓ | |
| Video Formats | | |
| MPEG-2 (ISO/IEC 13818-2) | Resolutions up to Full HD 1080p60 | |
| MPEG-4 part 10 H.264 (ISO/IEC 14496-10) | Resolutions up to 4K 2160p60 | |
| HEVC (H.265) | Up to 4K 2160p50 with Main 10 Profile (10-bit color) or 4K 2160p60 with Main Profile (8-bit color) | |
| Aspect Ratio | Many aspect ratios supported, including 16:9 and 4:3 | |
| MPEG-1 | Resolutions up to Full HD 1080p60 | |
| Video Containers | .ts, .mpg, .vob, .mov, .mp4, .m2ts, .wmv | |
| Audio Formats | | |
| MPEG-1 Layer II (ISO/IEC 11172-3) | ✓ | |
| AAC-LC/HE-AAC | ✓ | |
| AC3/EAC3 | ✓ | |
| MP3 | ✓ | |
| WAV | ✓ | |
| Network | | |
| Linux IPV4 Stack | ✓ | |
| DHCP IP Addressing | ✓ | |

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|---|---|---|
| Streaming Protocols | | |
| MPEG-2 Transport Stream (ISO/IEC 13818-1) | ✓ | |
| IP Multicast and Unicast | ✓ | |
| UDP | ✓ | |
| RTP | ✓ | |
| HLS | ✓ | |
| SRT | ✓ | |
| Synchronized playback | ✓ | |
| IGMPv2 | ✓ | |
| Misc | | |
| Operating System | Linux-based | |
| Subtitles | DVB, Teletext, Closed Captions | |
| Power | | |
| Power Consumption | 14W typical, 21W max | 26W typical, 39W max |
| Power over Ethernet (PoE++) | IEEE 802.3bt PD (48V) | IEEE 802.3bt PD (48V) |
| External AC-DC PSU (Optional Accessory) | 60W 100-240VAC (24V DC) | 60W 100-240VAC (24V DC) |
| Physical | | |
| Dimensions | 314mm W x 202mm H x 49mm D (12.36" W x 7.95" H x 1.93" D) | 525mm W x 315mm H x 54mm D (20.67" W x 12.40" H x 2.13" D) |
| Weight | 2.85kg (6.28lbs) | 6.85Kg (15.10lbs) |
| Internal Storage | 32GB | 32GB |
| Mounting | Integrated 100mm VESA | Integrated 200mm VESA |
| Environmental & Compliance | | |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) | |
| Operating Relative Humidity | 20% to 80% (non-condensing) | |
| Regulatory | | |
| CE/UKCA | IEC 62368-1, EN 62368-1, EN 55032, EN 61000-3-2, EN 61000-3-3, EN55035 / CISPR 35 | |
| UL/CSA | UL62368-1, CSA C22.2 No. 62368-1 | |
| FCC | 47CFR Part 15, Sub Part B, ANSI C63-4 | |
| RCM | AS/NZS 62368:2018 | |

Ordering Information (P/N)

- 19167 - Avedia XV151A11 Integrated Display - 11.6" - HD - no HDCP - 32GB storage - POE
- 19166 - Avedia XV151A21 Integrated Display - 21.5" - HD - no HDCP - 32GB storage - POE
- 19701-xx - Accessory - Power Supply - XV15 - 24V 2.5A DC output
- 18321 - Standard 38KHz IR extender - Avedia
- 18322 - IR Remote Control - Avedia