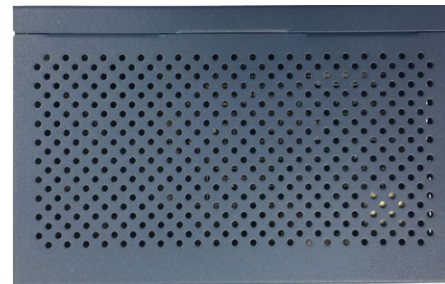


AvediaPlayer m9325 Media Player

The AvediaPlayer m9325 combines the delivery of HD video across a wide range of resolutions up to 1080p60, with an additional Ethernet port and large content storage capacity. This enables organizations to deliver digital signage as well as additional services, such as voice and data, via one device for lower capital & operating costs.



Video Output

- HDMI v1.4b (with HDCP): 1080p, 1080i, 720p (50Hz/59.94Hz/60Hz), 576p, 576i (50Hz), 480p, 480i (59.94Hz/60Hz)

Video Decoding

- MPEG-4 part 10 H.264 (ISO/IEC 14496/10)
- MPEG-2 (ISO/IEC 13818-2)
- Resolutions:
 - 1080i and 1080p @ 50Hz, 59.94Hz or 60Hz
 - 576i, 576p, 720p
 - 480i, 480p
 - 240p, 360p

Audio Output

- HDMI: 2 or 6 Channel PCM or Bitstream

Audio Decoding

- MPEG-1 Layer II (ISO/IEC 11172-3)
- AC3/EAC3
- AAC/HE-AAC
- Down-mixes multi-channel audio to stereo

USB 2.0 Port

- Can be used for external storage and Human Interface Devices
- USB hot plug enables auto-mounting of USB devices

Digital Signage

- ArtioSign® Display software (licensable option)

Streaming

- MPEG 2 Transport Stream (ISO/IEC 13818-1)
- UDP, RTP, HLS (6Mbps limit for HLS)
- IP multicast
- IP unicast
- IGMPv2/v3
- Video On-Demand: HLS, RTSP, HTTP

Content Protection

- Decryption of HDCPv2.2 protected content
- Decryption of Samsung LYNK™ DRM protected content (live streams) from an AvediaStream g4415-1k TVgateway. Samsung LYNK DRM Client licence required.
- Decryption of ARRIS SECUREMEDIA® DRM protected content (live streams and VoD) from an AvediaStream g4415-sm TVgateway. Encryptonite ONE™ Server and client licence required.

Channel Management

- Using the AvediaServer Smart Control app
 - Set channel
 - Set volume/mute
- On-device channel management
 - SAP/SDP announcements
 - Channel access control
 - XML channel lists, static & hidden channels
 - Channel redundancy & failover to channel or web page

System

- CPU: ST40-300 540MHz
- RAM: 512MB
- Flash:
 - 256MB (for firmware and configuration)
 - 32GB (for content storage)
 - OS: STLinux 2.4

Infra-red/Control Options

- Built-in IR receiver
- 3.5mm jack for IR extender or tethered remote control
- Third party IR & USB remote controls supported
- TV control via Serial RS232 or HDMI CEC
- HDMI CEC Remote Control Passthrough

Built-in User Interface

- Channel selection menu
- Volume control
- Audio Language control
- DVB Subtitles (ETSI EN 300 743)
- Closed captions (CEA-608 captions embedded in CEA708 data)
- Teletext subtitles

Integrated Web Browser

- Ekioh TV Browser for integration with third party middleware
 - HTML 5
 - CSS3 & DOM3
 - Image formats: PNG, JPEG

Management

- Fully integrated with all Exterity management tools:
 - Admin level management using AvediaServer Director and AvediaCare applications
 - Day-to-day management using AvediaServer Smart Control application
 - HTTP/HTTPS device web interface; recommended browser: Chrome®
- Simple Certificate Enrollment Protocol (SCEP) for HTTPS
- SNMP
- UPnP device discovery
- RESTful API
- Console access via SSH and Serial RS232 Admin Port
- Terminal Control Interface (TCI) for control system integration
- Event logging via Syslog (local and remote)
- Firmware upgrade via TFTP
- Configuration backup/restore via TFTP
- Secure Mode option to lock down media player access

Network

- Linux dual IPv4/IPv6 stack
- DHCP/DHCPv6 or Static IP addressing
- IEEE 802.3u 10/100Mbps MDIX Ethernet
- IEEE 802.3at POE+ PD
- IEEE 802.1X network authentication
- Simple Certificate Enrollment Protocol (SCEP) for 802.1X
- Second Ethernet port with 802.3af PSE Power Over Ethernet (POE) (requires PoE+ in or use of power supply avply-ps48-xx)
 - Max output: 7W (Class II)

Additional Features

- Accelerated channel change mode (sub 500ms (transcoder required))
- Video wall capability
- Unit-to-unit sync capability
- Low end-to-end latency (sub 400ms end-to-end latency (specific settings required. Contact Exterity Support for more info.))

Options

- TV and under-desk mounting brackets
- IR and wired remote controls and extenders
- Power supplies for non-POE environments
- ArtioSign® Display digital signage license

Protocols

IP (RFC791), UDP (RFC768), TCP (RFC793), ARP (RFC826), DNS (RFC1035), DHCP (RFC2131), ICMP (RFC0792), IGMP v3 (RFC 3376), TFTP (RFC1350), HTTP (RFC2616), Syslog (RFC3164), NTP (RFC1305), SAP (RFC2974), SDP (RFC4566), RTP (RFC3550), RTSP (RFC2362), SNMPv1/v2c (RFC1157/RFC1901), HLS, HTTPS (RFC2818), 802.1X (RFC3580), SSDP, IPv6 (RFC 8200), DHCPv6 (RFC 8415), SLAAC (RFC 4862), MLD (v2) (RFC 3810), NDP (RFC 4861)

Environment

- Operating temperature: 0 ...+40°C / +32 ... +122°F
- Storage temperature: -20 ...+70°C / -4 ... +158°F
- Operating Relative Humidity: 5 – 95% (non-condensing)

Regulatory

- CE
 - EN55022:2010
 - EN55024:2010
 - EN 61000-3-3:2008
 - IEC 60950-1:2005 (Ed. 2.0) + Am 1:2009 +Am 2:2013
 - EN60950-1 2006 + A11:2009, A1:2010, A12:2011, A2:2013
- FCC/UL/CSA
 - 47CFR:2011 Part 15, Sub Part B
 - ANSI C63-4:2003
 - UL60950-1/CSA C22.2 No. 60950-1, Second Edition. Rev. October 14, 2014
- ACMA
 - EN55022:2010 + AC2011
 - AS/NZS 60335.1:2011 +A1

Dimensions

- 35mm (H) x 230mm (L) x 130mm (D)

Weight

- 0.6kg

Power

- Typical: 7W, Maximum: 10.5W
- DC Jack 48V
- PoE 802.3af PD

MTBF

- Calculated to MIL-HDBK-217F, notice 2: 86949 hours (9.9 years)