The AvediaPlayer m9305 combines the delivery of HD video with a large content storage capacity. This enables organizations to store and display more high quality video and image assets in ArtioSign® digital signage for more intricate schedules.

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

### Audio Output
- HDMI: 2 or 6 Channel PCM or Bitstream
- TOS: 2 Channel PCM or Bitstream

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

### Audio Decoding
- MPEG-1 Layer II (ISO/IEC 11172-3)
- AC3/EAC3
- AAC/HE-AAC
- Downmixes multi-channel audio to stereo
- Dolby Digital and Dolby Digital Plus pass through

### 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-lk TVgateway and pre-encrypted VoD content hosted on an AvediaServer. 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

### 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

### System
- CPU: ST40-300 650MHz
- RAM: 512MB
- Flash: 256MB (for firmware and configuration), 32GB (for content storage)
- OS: STLinux 2.4
AvediaPlayer m9305

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 CEA-708 data)
- Teletext subtitles

Integrated Web Browser
- Ekioh TV Browser for digital signage and integration with third party middleware
- HTML 5
- CSS 3 & DOM 3
- 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 802.3af POE PD
- IEEE 802.1X network authentication
- Simple Certificate Enrollment Protocol (SCEP) for 802.1X

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 information))

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

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), SSPP, IPv6 (RFC 8200), DHCPv6 (RFC 4861), 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, FCC, UL, CSA, ACMA compliant
- CE
  - EN55022:2010
  - EN55024:2010
  - EN 61000-3-3:2008
  - IEC 60950-1:2005 (Ed. 2.0) + Am 1:2009 +Am 2:2013
- FCC/UL/CSA
  - ANSI C63-4:2003
- ACMA
  - EN55022:2010 + AC2011
  - AS/NZS 60335.1:2011 +A1

Dimensions
- 35mm (H) x 140mm (L) x 95mm (D)

Weight
- 0.4 kg

Power
- DC Jack (24V): 6W typical, 10.5W maximum
- POE IEEE 802.3af PD (48V): 6W typical, 10.5W maximum

MTBF
- Calculated to MIL-HDBK-217F, notice 2: 119904 hours (13.7 years)