



4K UHD IPTV set top box which delivers interactive user portals and advanced network video decoding. Its fanless design, PoE functionality and low power consumption make it an economical choice for hospitality environments where premium video quality is important.



### Video Output

- HDMI v2.0 (with HDCP 1.4 & 2.2):
  - 2160p (24Hz/50Hz/60Hz)
  - 1080p, 1080i, 720p (50Hz/59.94Hz/60Hz)
  - 576p, 576i (50Hz)
  - 480p, 480i (59.94Hz/60Hz)
- HDR Support:
  - HDR10
  - HLG

### Audio Output

- HDMI: 2 or 8 channel PCM or Bitstream

### Video Decoding

- H.265 HEVC main and main 10 profiles (ISO/IEC 23008-2). Resolutions up to UHD 2160p60
- MPEG-4 part 10 H.264 (ISO/IEC 14496-10). Resolutions up to Full HD 1080p60
- MPEG-2 (ISO/IEC 13818-2). Resolutions up to Full HD 1080p60

### Audio Decoding

- MPEG-1 Layer II (ISO/IEC 11172-3)
- AC3/EAC3
- AAC-LC/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
- HLS Live and VoD
- IP multicast, IP unicast
- IGMPv2/v3

### Infra-red/Control Options

- Built-in IR receiver
- 3.5mm jack for IR extender
- TV on /off control using HDMI CEC

### 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

### Content Protection

- Decryption of HDCPv2.2 protected content

### Channel Management

- Using the AvediaServer Smart Control app
  - Set channel
  - Set volume/mute

### Accessibility

- DVB Subtitles (ETSI EN 300 743)
- Closed captions (CEA-608 captions embedded in CEA-708 data)

### Management

- HTTP/HTTPS device web interface; recommended browser: Chrome®
- Console access via SSH and Serial RS232 Admin Port
- Event logging via Syslog (local and remote)
- Day-to-day management using the AvediaServer Smart Control app:
  - Reboot
  - Publish signage
  - Set channel
  - Set volume
  - Turn on/off
- Administration using the AvediaServer AvediaCare app:
  - Upgrade
  - Set Name and location
  - Configuration import/export

### Security

- Management using HTTPS connection
- Firmware upgrade using Exterity-signed upgrades only
- Secure hardware platform

### Network

- Linux IPv4 stack
- DHCP IP addressing
- IEEE 802.3u 10/100Mbps MDIX Ethernet
- IEEE 802.3af PD

## System

- Linux-based

## Options

- TV and wall mounting brackets
- External AC-DC Power supply for non-POE environments
- IR remote controls and extenders

## Protocols

IP (RFC791), UDP (RFC768), TCP (RFC793), ARP (RFC826), DNS (RFC1035), DHCP (RFC2131), ICMP (RFC0792), IGMP v3 (RFC 3376), HTTP (RFC2616), Syslog (RFC3164), NTP (RFC1305), HLS

## Environment

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

## Dimensions

- 45mm (H) x 200mm (L) x 140mm (D)

## Weight

- 0.8 kg

## Power

- DC Jack (24V): 10W typical, 12W maximum
- POE IEEE 802.3af PD (48V): 10W typical, 12W max

## Regulatory

CE, FCC, UL, CSA, ACMA compliant

- CE
  - EN55032:2012 + corrigenda Aug 2012 & Dec 2012
  - EN55024:2010 + A1:2015
  - EN 61000-3-2:2014
  - EN 61000-3-3:2013
  - 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 C63-4:2014
  - UL60950-1/CSA C22.2 No. 60950-1, Second Edition. Rev. October 14, 2014
- ACMA
  - EN55032:2012
  - AS/NZS 60335.1:2015

## MTBF

- Calculated to MIL-HDBK-217F, notice 2: 101276 hours (11.6 years)

## ArtioGuest

The AvediaPlayer m9400 has been designed specifically for use with ArtioGuest, Exterity's hospitality middleware. It enables organisations to deliver a captivating video experience through advanced network video decoding and 4K video capability. It offers the following:

- Live TV channels
- Programme Guide
- Video on Demand
- Channel recording
- Video sharing
- Video on page
- Information pages
- View (create layers)
- Room service
- Hotel services
- RSS feeds
- TV apps
- Guest (PMS required)
- Language selection
- Welcome message
- Date/Time
- Excursions (PMS required)
- Mailbox
- Weather