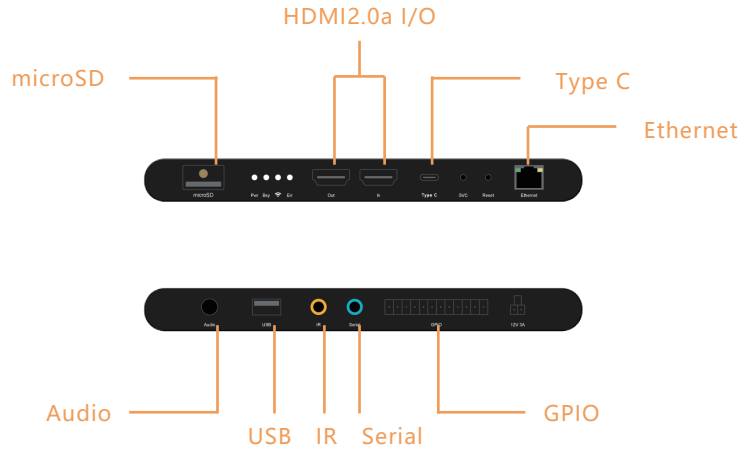


## AA201 Digital Signage



### External Connection



### Product Description

AVIOT Signage provides a comprehensive digital signage solution you have never seen before. It is equipped with the latest technology and advanced features, no matter what industry or department your business is in, it can make the purpose of digital signage effective, profession and simple.



#### True 4K & 1080p

Support full HD 1080p and 4K



#### H.265

Supports H.265 encoded video files, which can provide more efficient file size and lower bit rate than H.264



#### Screen Zoning

Setting screen area to playback multiple content types and multiple videos on a single screen



#### Splice Wall

Create splice wall with this powerful drag-and-drop tool, which uses a universal clock to achieve frame accuracy



#### Remote Snapshot

Remote snapshot to make sure the content currently being played is correct. You can also manually capture the current screen immediately



#### Setup Preview

Sign preview to make sure everything is correct before launch



#### PoE+

PoE+, only need an Ethernet connection power supply without additional power supply



#### Remote Deployment

Use the full deployment function to release all settings easily and remotely



#### Emergency Broadcast

Emergency message function can replace all broadcast content in real time and issue emergency messages if urgent



#### Tagging

Apply tagging to players, content, and playlists to locate content distribution and playback



#### HTML5

Support HTML5 providing perfect playback of full-screen HTML or even modular HTML5 for full HD or 4K video



#### IP Streaming

IP Streaming - support buffer playback of all common formats of Full HD video, MJPEG and audio streams: HLS, UDP/RTP/RTSP, HTTP, SHOUTcast, etc.



#### Interaction

Support almost any type of interactive device triggering, including barcode scanner, motion sensor, RFID, UDP, GPIO, serial, infrared, USB button control, touch screen, mouse, etc.

## Product Parameter

	AA201
<b>Video Engine Decoder</b>	
Single 1080p60 decoding	Y
Native 4k@60p video decoding	Y
Dual Video decoding	Y
4K full resolution graphics	Y
<b>Media Formats</b>	
Video Codec for 4K content: H.265/ H.264	Y
Video Containers for 4K H.265/ H.264 content: .ts,.mov,.mp4,.mkv	Y
Video Codecs for Full HD: H.265, H.264 (MPEG-4, Part 10), MPEG-2	Y
Video Containers for Full HD content: .ts,.Mpg, .vob, . Mov,.mp4, m2ts	Y
Image Support: BMP, JPEG, PNG	Y
Audio MP2, MP3, AAC, and WAV (AC3 is passed through)	Y
HTML5	Y
<b>Display Resolutions</b>	
4K resolutions: 3840 x 2160, 4096 x 2160, 3840 x 600	Y
Upscaling to: 3840 x 2160, 4096 x 2160, 3840 x 600	Y
1920 x 1080, 1920 x 2160, 1600 x 1200, 1440 x 1050, 1440 x 900, 1360 x 768, 1280 x 1024, 1280 x 960, 1280 x 800, 1280 x 768, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 720 x 480, 640 x 480	Y
<b>Hardware Interfaces</b>	
Locking Power Connector	Y
External micro SD Slot (SDXC); SDHC storage up to 32GB SDXC storage up to 2TB	Y
M.2 SSD PCIe Interface	Y
USB High Speed Host Port (also supports content updates)	Y
12-pin Phoenix GPIO port with 8 bi-directional GPIOs	Y
3.5mm RS-232 Serial Port	Y
3.5mm IR In/Out	Y
3.5mm Audio Out (analog-or-SPDIF digital, non-simultaneous)	Y
HDMI out	Y
HDMI 2.0a Input	Y
Ethernet	Y
Power over Ethernet (PoE+)	Y
M.2 (E) Keyed Wi-Fi/ Bluetooth Connector	Y
Wi-Fi External Antenna Connector	Y
Status LEDs	Y
Reset and Service Buttons	Y

## Manual Description

- Before installing and using this product, be sure to read this manual carefully and comply with relevant operating specifications to ensure reliable operation of the product.
- Please install and debug this product by professional operators.
- This product is manufactured in accordance with the latest technical specifications and has passed a qualification test before leaving the factory.
- If you need more information or problems that are not covered in this manual, you can obtain the necessary information from the manufacturer.
- The user is not allowed to modify or repair this product without the permission and support of the manufacturer.
- If the user/operator fails to operate in accordance with this manual, resulting in damage caused by improper use, the manufacturer shall not bear the relevant responsibility, but the user/operator shall bear it.

	AA201
<b>Features</b>	
H.265 Decoding	Y
4K Video	Y
Dolby Vision, HDR10& HLG	Y
4K full resolution graphics	Y
Live TV	Y
HTML 5	Y
Splice Wall	Y
Multi-media Video Wall	Y
Zones	Y
Content Approval	Y
SC (Sign-Concurrent) Switching	Y
Mosaic Mode	Y
IP Streaming	Y
Interactivity	Y
Live Feeds	Y
Tagging	Y
Sign Preview	Y
Remote Snapshot	Y
Networking	Y
Remote Deployment	Y
Extended Thermal	Y
<b>Software &amp; Services</b>	
Free Software Platform	Y
Cloud & Networking Services	Y
<b>Operation Parameter</b>	
Ethernet Port Speed	2500Mbps
Operation/ Storage Temperature	0°C-70°C
Operation/ Storage Humidity	10%-90%, no condensation
<b>Miscellaneous</b>	
Dimensions (W x H x D)	180X180x22mm or 7.1 x 0.86 x 7.1 in
Weight	20 oz
Power over Ethernet (PoE+)	12V 3A W36
Multi-Country Power & Regulatory Approvals	Y

\*Subject to change without prior notice