MOJO PRO

TAKE A LEAP INTO THE FUTURE OF MOBILE JOURNALISM!

You want to go LIVE in few seconds with an easy and user-friendly solution? You need to go unnoticed to shoot stories in place where standard journalists would never dare to go? You want to improve your mobility with a lightweight kit ensuring reliable transmission wherever you are? You want to free your creativity but save costs without compromising the video quality?

The AVIWEST MOJO PRO app is the answer enabling video live streaming on iOS devices (iPad and iPhone) and Android™ devices (Samsung, Huawei, Google, LG, Oppo, Xiaomi, OnePlus, etc.). It allows video professionals to flawlessly stream live videos, edit files, and forward recorded content from any location over bonded 3G/4G/5G and Wi-Fi connections in just few seconds. MOJO PRO empowers broadcasters creativity right at their fingertips!

With optimized interface, advanced camera settings, dynamic resolution, and easy-to-use video and audio editing features, MOJO PRO enables remote journalists and video professionals to create video stories in minutes and directly stream it to any CDN, video streaming service platforms or social networks (Facebook Live, YouTube and others).

Thanks to double Emmy® award winning AVIWEST SST (Safe Streams Transport) protocol, the MOJO PRO detects and bonds together multiple IP network interfaces. Moreover, the MOJO PRO application adapts the video encoding bitrate according to the real-time network conditions in order to cope with the unpredictable performance of IP networks and to guarantee the transmission reliability. By integrating the best-in-class video encoding technologies, it also enables to stream high quality videos even at low bitrate.

SIMPLE
The MOJO PRO Series has been designed with ease-of-use in mind, the user-friendly intuitive interface allows broadcasting live videos in a single screen tap.

ANY DEVICES
The MOJO PRO app runs on a large range of smartphone and tablet models. The application is available on the Apple Store and Google Play.

VERSATILE
The MOJO PRO Series is the perfect flexible and agile solution to quickly cover breaking news, conduct interviews and efficiently produce professional live videos.

ANY NETWORKS
Leveraging AVIWEST’ SST protocol, an intelligent IP bonding stack and powerful contribution network protocols, the MOJO PRO Series ensures the delivery of live video even in the midst of unpredictable and unmanaged network conditions.
MOJOPRO iOS & Android™ SPECIFICATIONS

SYSTEM

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<tr>
<th>PLATFORM</th>
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<td><strong>iPad</strong></td>
<td>MacBook (with M1 chipset)</td>
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<td>- 6s, 6s Plus</td>
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<td>- 7, 7 Plus</td>
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<td>- X, XR, XS Max</td>
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SOFTWARE

- iOS 12, 13, 14 and 15
- Android™ 8, 9, 10, 11 and 12

AUDIO

ENCODING

- AAC-LC

BITRATES

- 32 kbps, 64 kbps, 128 kbps or 256 kbps

MODE

- Mono / Stereo

INPUTS

- Built-in & external microphone (wired/bluetooth)

ADVANCED FEATURES

Live with/without simultaneous Record
Record with pause/resume function
Picture shooting during Live or Record
IFB/Intercom with the Studio
Video return display (program or teleprompting from studio)
Files forward with Video preview
Cellular and Wi-Fi network aggregation ensuring ultra reliable transmission
(Award winning SST technology)
Video edition mode including**:
- Video clips sequencing
- Video clips trimming
- Logo overlay
- Audio track / Voice over
Camera selection and auto/manual settings:
- Portrait / Landscape / Auto
- Stabilization
- White Balance
- ISO
- Shutter Speed**
- Focus
- Grid
- Light
Microphone auto-selection (internal, wired and bluetooth)
Audio-Wu meter with gain adjustment
Local metadata insertion for recorded clips**
Story centric workflow with Studio metadata association to Live or forwarded clips.

NETWORK CONNECTIONS

CELLULAR

- 3G/4G-LTE and 5G

WI-FI

- Built-in Wi-Fi modem

ETHERNET**

- Built-in Ethernet on MacBook
- Ethernet adapter on iPhone/iPad

BGAN**

- BGAN terminal connection via Wi-Fi or Ethernet

* Not available on all Android smartphones (check with AVIWEST) | ** On iPhone and iPad only

VIDEO

RESOLUTIONS

| 1920 x 1080 | 1280 x 720 |
| 640 x 360 | 480 x 850 |

FRAME RATES

| 25 fps | 25 fps |
| 29.97 fps | 30 fps |
| 30 fps | 50 fps |
| 59.94 fps | 60 fps |

ENCODING

- H.264/AVC
- H.265/HEVC
- Live: Dynamic Resolution adjustment and static resolution
- Record: Static resolution

BITRATES

- Up to 10Mbps
- Live: Adaptive video bitrate (ABR)
- Record: Constant video bitrate (CBR)

LATENCY

- Configurable from 0.2 sec to 1 sec

INPUTS

- Built-in cameras (Front, Back, Dual back, Back Telephoto, Back ultra wide)

NETWORKS AGGREGATION

SYSTEM OVERVIEW

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