MOJO**PRO**

SafeStreams® technology

THE MOJO EXPERIENCE
AT ITS BEST!

The AVIWEST's MOJOPRO Series is the ultimate video encoding and live streaming software application range available on mobile devices (iOS and Android™) and MacBook® Pro. It allows video professionals to flawlessly stream live videos, edit files, and forward recorded content from any location over bonded 3G/4G and Wi-Fi connections in just seconds. MOJOPRO empowers broadcasters creativity right at their fingertips!

The MOJOPRO app gives them a competitive edge by enabling them to stream video content in a matter of seconds. With optimized interface, advanced camera settings, dynamic resolution, and easy-to-use video and audio editing features, MOJOPRO 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 AVIWEST SafeStreams® technology, the MOJOPRO detects and bonds together multiple IP network interfaces. Moreover, the MOJOPRO 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.

Fully integrated with the MANAGER, the MOJOPRO expands coverage capabilities.

SIMPLE

The MOJOPRO Series has been designed with ease-of-use in mind, the user-friendly intuitive interface allows broadcasting live videos in 2 screen taps.

ANY DEVICES

The MOJOPRO Series runs on iOS, macOS and Android™. Applications are available on iTunes store and Google Play.

VERSATILE

The MOJOPRO 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's SafeStreams technology, an intelligent IP bonding stack and powerful contribution network protocols, the MOJOPRO Series ensures the delivery of live video even in the midst of unpredictable and unmanaged network conditions.

AVIWEST continuously improves its products portfolio and reserves the right to modify the specifications without prior notice.

MOJOPRO macOS SPECIFICATIONS

REQUIREMENTS

SOFTWARE	macOS X El Capitan 10.11 or later
HARDWARE	Minimum: core i5 dual-core version 2013 Recommended: core i7 quad-core version 2015

VIDEO

STANDARDS	1080p/1080i/720p/576/480i @50/59.94/60/30/25/29.97 fps
ENCODING	H.264/AVC and H.265/HEVC upgradable Dynamic Resolution mode for Live
BITRATES	10Mbps Variable video bitrate (VBR) for Live Constant video bitrate (CBR) for Live and Record
INPUTS	Built-in video camera (FaceTime HD camera) Webcams (via USB) External video cameras (through Blackmagic Mini recorder)

AUDIO

ENCODING	AAC-LC
BITRATES	32kbps or 64kbps (CBR)
MODE	Mono / Stereo
DENSITY	Up to 2 channels
INPUTS	Built-in or external microphones

NETWORK CONNECTIONS

CELLULAR	3G/4G-LTE with external USB modem

ETHERNET	Dual Gigabit Ethernet port
	   - LAN, WAN
	   - portable satellite (BGAN, GX, Ka Band)

WI-FI	Built-in Wi-Fi modem

MOJOPRO iOS-Android™ SPECIFICATIONS

REQUIREMENTS

SOFTWARE	Android 4.4.2 and later versions iOS 8.0 and later versions

VIDEO

STANDARDS	up to 1080p depending on device
ENCODING	H.264/AVC Dynamic Resolution
BITRATES	7Mbps depending on device Adaptive video bitrate (ABR) for Live Constant video bitrate (CBR) for Live
INPUTS	Smartphone rear or front camera

AUDIO

ENCODING	AAC-LC
BITRATES	32kbps or 64kbps (CBR)
MODE	Mono / Stereo
INPUTS	Built-in & external microphone

ADVANCED FEATURES

One-tap to live interface
Camera set-up (exposure, focus, white balance, ISO, zoom, LED flash,...)
Video and audio editing features (clip trimming, ...)
From 1.5 to 20 seconds latency
Picture shooting during live
Microphone volume meter
SIP-based intercom application
Transmission status & parameters
Custom Preset Management (Live & Store profiles)
Screen rotation for left and right-handed users
File manager and video preview for forward function

NETWORK CONNECTIONS

CELLULAR	3G/4G-LTE
WI-FI	Built-in Wi-Fi modem
SATELLITE	BGAN, GX, Ka Band via Wi-FI

SYSTEM OVERVIEW

MANAGER

CAPTURE   **TRANSMIT**   **RECEIVE**   **DISTRIBUTE**

MOJOPRO Series   QUAD Series   3G/4G/5G   Satellite   Wi-Fi   BGAN/GX   LAN/WAN   STREAMHUB Cloud/MCR   1 to N Streamhub   Social Networks   IP Streaming   SDI/HDMI

SafeStreams® technology