Versatile and easy-to-use mobile app for video professionals

The MoJoPro mobile app is designed for professional broadcasters, such as journalists or live video production agencies. The user-friendly and intuitive interface allows for broadcasting live video with a single screen tap. With its advanced camera settings, reliable video streaming and recording capabilities, and on-screen access to return feeds, MoJoPro is the ideal solution for quickly covering breaking news, conducting live interviews, and efficiently producing professional video content wherever you are, whenever you want.

Leveraging the Haivision SST protocol, an intelligent IP bonding stack for broadcast contribution, MoJoPro ensures the delivery of live video even when streaming over unpredictable networks. The application bonds the smartphone’s internal WiFi and 5G/4G cellular connections for superior video quality and resilience. An external MiFi module can also be used, allowing two cellular connections to be linked in one smartphone.

Available on the Apple Store and Google Play, the MoJoPro app can be installed to run on a wide range of smartphones and tablets.

Main Functions

**Reliable Live Streaming** Incorporate best-in-class video encoding technology to ensure high quality video even at low bitrates. Capture video from built-in front, rear, wide, and telephoto cameras along with audio from a wired or Bluetooth microphone.

**Store and Forward** Record video files, including during a live broadcast, which can be locally stored and edited before being forwarded on to a production destination.

**Superior Camera Settings** Support auto focus/manual focus, white balance, ISO, shutter speed, grid, and video resolution in an attractive GUI.

**Video Return and IFB** Ensure communication between the producer, camera operator & on-air talent with high-quality HD return feeds and bidirectional audio intercom (wired or Bluetooth headset).
VIDEO

Resolutions
3840 x 2160 (recording only from iOS 16)**
1920 x 1080
1280 x 720
640 x 480
640 x 360*

Frame rates
25/30fps*
50/60fps*
29.97/59.94fps**

Encoding
H.264/AVC 4:2:0, 8-bit
H.265/HEVC 4:2:0, 8-bit
Live: Dynamic and static resolutions
Recording: Static resolution

Bitrates
Up to 10 Mbps
Constant Bitrate (CBR)
Variable Bitrate (VBR)

Latency
Configurable from 1.2 to 10 seconds

Inputs
Built-in cameras (front, back, dual back, telephoto, ultra-wide)
External camera with SDI/HDMI to USB-C adapter for Android smartphones

Audio

Encoding
AAC-LC
32 kbps, 64 kbps, 128 kbps or 256 kbps
Mono / Stereo

Inputs
Built-in & external microphone (wired/Bluetooth)

Network Connections
Cellular: 5G/4G/3G (depending on device and operator)
WiFi
Ethernet (with an adapter)
BGAN satellite (with a WiFi or Ethernet terminal)**

* not available on all Android devices
** only with iOS

Advanced Features

Live with/without simultaneous record
Record with pause/resume function
Still pictures during live or record
IFB/Intercom with the studio
Video return display (full screen or picture in picture)
File forwarding with video preview
Cellular and WiFi network aggregation with SST
Microphone auto-selection (internal, wired and Bluetooth)
Audio-Vu meter with gain adjustment
Grid, horizontal, and vertical tilts
Local metadata insertion for recorded clips**
Story centric workflow with Studio metadata association to Live or forwarded clips
Video editing**
- Video clip sequencing
- Video clip trimming
- Logo overlay
- Audio track /voice-over

Camera Settings

Portrait / Landscape / Auto
Stabilization
White Balance
ISO
Shutter Speed
Focus
Light

Stream Destinations
Haivision StreamHub receiver and decoder for delivery to SDI, NDI, SRT, HLS, MPEG-2 TS, RTSP or RTMP (Social Media outlets) workflows

Platform

iPhone (iOS 12 to 16)
8, 8 Plus
X, XS, XR, Xs Max
11, 11 Pro, 11 Pro Max
12, 12 Pro, 12 Pro Max
13, 13 Pro, 13 Pro Max
SE
iPad
MacBook (with M1 & M2 chipsets)
Android devices (Android 8 to 13)
Samsung S9, S10, S20
Samsung A10, A20
Huawei P20, P30
LG G5
Oppo Reno
Xiaomi Mi 10
OnePlus
Google Pixel 4a (5G)

System Overview

Contribute
Transmit
Receive
Distribute

CONTRIBUTE TRANSMIT RECEIVE DISTRIBUTE