



## Ki Pro GO

Ki Pro GO is a portable multi-channel H.264 recorder and player offering up to 4-channels of simultaneous HD and SD recording to off the shelf USB drives with redundant recording capabilities.

4x 3G-SDI and 4x HDMI digital video inputs with flexible channel assignments provides connections to the latest video sources, including cameras. Incoming video sources can be mixed and matched, via Ki Pro GO's Genlock free recording capability. High quality 2-channel embedded audio or balanced XLR analog audio can be assigned to any recording channel. Multi-Channel Matrix Monitoring enables multiple video channels to be viewed on any single HDMI display.

Designed to be either portable or rackmountable with half rack wide, 2RU high dimensions, Ki Pro GO is well suited for use in any environment.

<https://www.aja.com/products/ki-pro-go>



## Video Formats

- (HD) 1080p 23.98, 24, 25, 29.97, 50, 59.94
- (HD) 1080i 50, 59.94\*
- (HD) 1080PsF 23.98, 24, 25, 29.97\*,\*\*
- (HD) 720p 50, 59.94
- (SD) 525i 59.94\*
- (SD) 625i 50\*

\*Recording will be converted to progressive

\*\*PsF input support only

## Video Codec Support

- Supports H.264/MPEG-4
- 1 Mbps to 25 Mbps recorded output (TBD)

## Audio Codec Support

- 4x audio compression codecs
- 2-Channel audio support for each
- up to 320 kbps (TBD)
- MPEG-4 AAC-LC

## Codec Container

- .MP4
- .MOV

## Removable Storage

- 5x USB 3.0 Slots
- All slots are compatible with the following standards:
  - USB 2.0
  - USB 3.0
  - USB 3.1 Gen 1
  - USB 3.1 Gen 2
- 5V 1A max current per slot

## File System Support

- FAT file systems
  - FAT16
  - FAT32
  - exFAT

## Video Input

- 4x 3G-SDI BNC, SMPTE-259/292/296/424/425, 4:2:2 10-bit
- 4x HDMI standard Type A connector
- HDMI v1.4a
  - 4:4:4 RGB 8, 10-bit (deep color)
  - 4:2:2 YCbCr 8/10/12-bit
  - 4:2:0 YCbCr 8-bit

## Video Output

- 5x 3G-SDI BNC, SMPTE-259/292/296/424/425, 4:2:2 10-bit
- 1x HDMI standard Type A connector
- HDMI v1.4a
  - 4:4:4 RGB 8, 10-bit (deep color)
  - 4:2:2 YCbCr 8/10/12-bit
  - 4:2:0 YCbCr 8-bit

## Audio Input

- 4x SDI Audio
  - 2-Channel, 24-bit embedded audio

- 48 kHz sample rate, synchronous
- Sample rate converted to 48 kHz internally
- 4x HDMI Audio
  - 2-Channel, 24-bit HDMI embedded audio
  - 32 kHz, 44.1 kHz, 48 kHz sample rates, synchronous
  - Sample rate converted to 48 kHz internally
- 2x XLR input
  - Line/Mic/+48V Phantom Power Mic Levels supported (selectable by rear switch)
  - +24 dB full scale digital
  - +/- 0.3 dBFS 20 Hz to 20 kHz response
  - THD+N <= -90 dB

## Audio Output

- 5x SDI embedded
  - 2-Channel, 24-bit embedded audio
  - 48 kHz sample rate, synchronous
- 1x HDMI embedded
  - 2-Channel, 24-bit embedded audio
  - 48 kHz sample rate, synchronous
- Stereo unbalanced headphone jack (1x 3.5mm jack) with volume control
- 2-Channel unbalanced 2x RCA connectors

## Video Conversion

- Deinterlacing for recording
- Interlacing for playback (optional)
- PsF to progressive

## Reference Input

- External, 2x BNC
- Looping, nonterminating
- Input reference formats:
  - (HD) Tri-level sync
    - 720p 59.94
    - 720p 50
    - 1080i 59.94
    - 1080i 50
    - 1080p 23.98
    - 1080PsF 23.98
    - 1080p 24
    - 1080PsF 24
  - (SD) Analog composite
    - 525i 59.94
    - 625i 50

## Timecode

- SDI RP188/SMPTE 12M via SDI BNC

## Network Interface

- 1x LAN connector (RJ-45 connector, 10/100/1000)
- Embedded web server for remote control
- Remote control via REST

## User Interface

- Rotary Selector knob
- Dedicated backlit transport controls and menu buttons
- Large 1280 x 720 TFT LCD display with Video Monitor and Menu/Status Overlays

## Size (w x d x h)



- 8.64" x 10.59" x 3.31" (219.46 x 268.60 x 84.08 mm)

## Weight

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- 5.1 lbs (2.3 kg)

## Power

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- Dual, redundant, 7.5A max, 40W-55W typical-90W Max
  - 100-240 VAC 50/60 Hz (adapter)
  - 12-18Vdc 4-pin XLR (chassis)

## Environment

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- Safe Operating Temperature: 0 to 40 C (32 to 104 F)
- Safe Storage Temperature (Power OFF): -40 to 60 C (-40 to 140 F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)