![AJA VIDEO SYSTEMS]
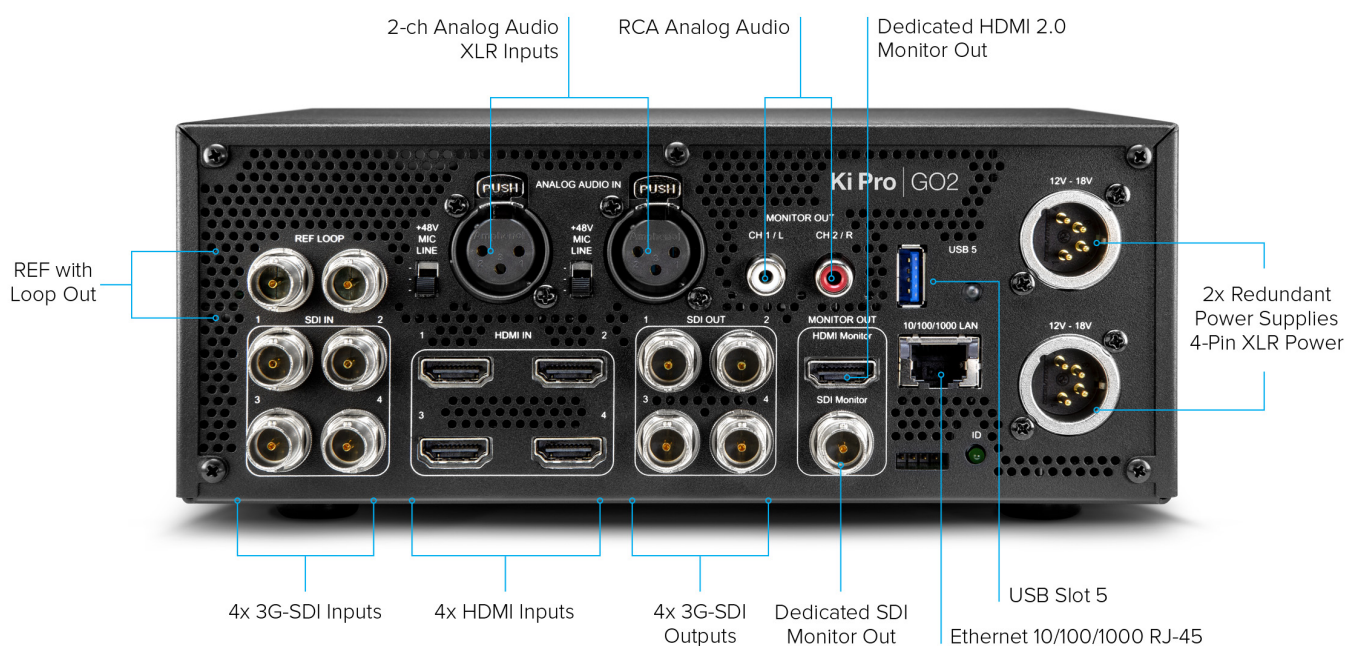
Ki Pro GO2

The Ki Pro GO2 is the next step in our historical line of award-winning digital recorders. The Ki Pro GO2 is alone in the market with its ability to record 5 independent channels of HD video to high-performance thumb drive or NAS volumes.

https://www.aja.com/products/ki-pro-go2

$4935 US MSRP

2-ch Analog Audio XLR Inputs

RCA Analog Audio

Dedicated HDMI 2.0 Monitor Out

REF with Loop Out

2x Redundant Power Supplies 4-Pin XLR Power

4x 3G-SDI Inputs

4x HDMI Inputs

4x 3G-SDI Outputs

Dedicated SDI Monitor Out

USB Slot 5

Ethernet 10/100/1000 RJ-45

Video Formats

- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1080i 50, 59.94, 60*
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30*,**
- (HD) 720p 50, 59.94, 60
- (SD) 525i 59.94*
- (SD) 625i 50*

* Recording will be converted to progressive
** PsF input support only
Note: Multi-channel recording requires the same frame rate and resolution for all input sources.

Video Codec Support

- Supports H.265/HEVC, up to 15 Mbps recorded output
- Supports H.264/MPEG-4, up to 25 Mbps recorded output

Audio Codec Support

- 4x audio compression codecs
- 2-channel audio support for each
- Up to 320 kbps
- MPEG-4 AAC-LC

Codec Container

- .MP4

Removable Storage

- 5x USB 3.2 Gen 1 (5 Gbps) ports
- All ports are also compatible with the following standards:
  - USB 2.0 (480 Mbps)
  - USB 3.0 (5 Gbps)*
  - USB 3.2 Gen 1 (5 Gbps)*
- 5V 1A max current per port

*Also referred to as SuperSpeed USB

Removable Storage File System Support

- FAT file systems
  - FAT16
  - FAT32
  - exFAT
- In-system formatting support for exFAT only

Network Storage

- SMB support via GigE port*
  - Only 1x network storage device can be used at any one time
  - Connection via IP address or DNS entry
  - Requires (externally defined) domain name, domain user name, user password
  - Customer must ensure sufficient bandwidth is available for recording*

*GigE network connectivity to storage is required, with 150 Mbps of bandwidth permanently available for media storage

SMB Protocols Supported

- SMB 3.1.1
- SMB 3.0.2
- SMB 3.02
- SMB 2.1
- SMB 2.0

Video Input

- 4x 3G-SDI BNC, SMPTE-259/292/424, 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-259/292/424, 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, or 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

Timecode

- SDI RP 188/SMPTE 12M via SDI BNC
- LTC input (via Analog Audio XLR in R)
- TC Super Out

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
- 1080p 25
- 1080PsF 25
  - (SD) Analog composite
    - 525i 59.94
    - 625i 50

Network Interface

- 1x LAN connector (RJ-45 connector, 10/100/1000)
- Embedded web server for remote control
- Configuration and Transport Control via WEB Interface
- Clip download via Web Interface
- Remote control via REST

User Interface

- Rotary Selector knob
- Dedicated backlit transport controls and menu buttons
- Large 1280x720 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 268.90 x 84.08 mm)

Weight

- 5.1 lbs (2.3 kg)

Power

- External power supply required
  - Enclosure: Dual, redundant, 12-18VDC regulated, 4-pin XLR, 55W typical, 90W max
  - AC adapter, included: 100-240VAC, 50/60 Hz, universal input, 12V, 7A output
  - Optional redundant AC adapter sold separately, KPU-PWR-SUPPLY

Environment

- 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% non-condensing
- Operating Altitude: <3,000 meters (<10,000 feet)