Konvision

A7S Recording Monitor

Touch Screen | 1500Nits | Uncompressed

- ▪ Support ProRes recording format
- ▪ Support upto 4K 60p 12Bit signal
- ▪ Support 12G SDI & HDMI 2.0 input/output

Powerful Recording & Playback Function

Recording: Capture stunning 4K60p 12Bit HDR video directly from the camera. The recording format is an easy-to-edit ProRes format, conveniently stored on an affordable standard SSD drive. Enjoy versatile functionalities, including recording, playback, monitoring, editing, Pre-roll record, time-lapse photography, fast & slow action, Pulldown record, ExFAT file system, and customizable recording file names.

Playback: Support full list review or custom playlist review. Enable frame-by-frame, fast play, slow play, loop play, and other operations. During shooting or playback, the system supports marking fragments at specific times, with the ability to output to disk in XML format for direct use in later stages.

Super Brightness, Accurate Color Reproduction

Equipped with a 1500 brightness LCD screen, the monitor can be clearly viewed even outdoors.Compatible with ColourSpace and Calman calibration software, Konvision monitors apply K10-A probe (professional level) to achieve a precise color.

7"	IPS	◑
7" Size	IPS Screen	Contrast Ratio 1200：1
☀	○	160°
Brightness 1500Nits	Color Depth 10Bit	Viewing Angle 160°

Professional Interface
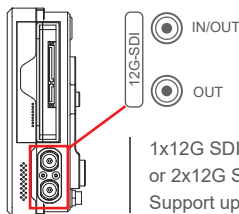
12G-SDI
- IN/OUT
- OUT

1x12G SDI in/out
or 2x12G SDI out
Support upto 4K 60p 10Bit signal

HDMI 2.0
- IN
- OUT
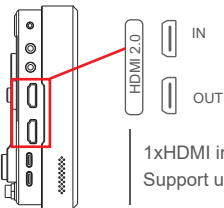
1xHDMI in and 1xHDMI out
Support upto 4K 60p 12Bit signal

Professional Functions

Built-in waveform, false color, focus assist etc functions. Support 3rd party LUT files import
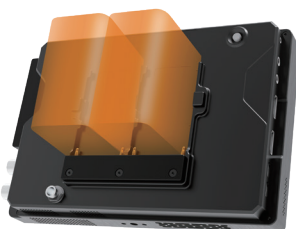
· 3D LUT files import

Gamma selection
Gamma 2.0, 2.2, 2.4, 2.6

HLG selection
HLG 1.0, 1.1, 1.2, 1.3, 1.4, 1.5

EOTF
Slog(SDR), Slog2(SDR), Slog3(SDR), Slog3(HDR)
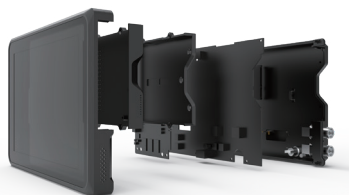
· EOTF Curves Conversions, gamma selection

· Focus Assist

· HDR Waveform/ HDR Area Display

· False Color

· Zebra

Dual Battery Slot

Dual NP-F battery slot, support hot swap, recording, monitoring without interruption

Aluminum Alloy Casing

The aluminum alloy casing ensures that it is strong and durable in different environments.

LCD Panel

Size	7"
Resolution	1920×1200
Aspect Ratio	16:10
Pixel Pitch	78.75×78.75(um)
Contrast Ratio	1200:1
Viewing Angle	160°(H) / 160°(V)
Color Depth	1.07B
Brightness	1500cd/㎡
Response Time	30ms
Screen	IPS panel
Screen flip/mirror	Vertical Flip, horizontal flip

Input & Output

1×BNC(IN/OUT)	12G/6G/3G/HD-SDI (SDI IN: Recording / Monitoring mode. SDI OUT: Playback mode)
1×BNC(OUT)	12G/6G/3G/HD-SDI
1×HDMI2.0(IN)	HDMI 2.0
1×HDMI2.0(OUT)	HDMI 2.0
1×Type-C(IN)	Support DP1.4 signal input or system program, LUT update
1×2.5mm(OUT)	LANC output control strip

Record Format

ProRes	LT，422，422HQ，Pr

Video Resolution & Frame Rate (Recording, Monitoring&Playback)

4K DCI 4096 x 2160	23.98/24/25/29.97/30/50/59.94/60p
4K UHD 3840 x 2160	23.98/24/25/29.97/30/50/59.94/60p
2K DCI 2048 x 1080	23.98/24/25/29.97/30/50/59.94/60p
FHD 1920 x 1080 Progressive	23.98/24/25/29.97/30/50/59.94/60p
FHD 1920 x 1080 PsF	Convert to P and loop out PsF
FHD 1920 x 1080 Interlaced	50/59.94/60i
1280 x 720p	50/59.94/60p

Storage

SATA Slot	Standard 2.5inch SSD SATA3.0 hard drive

Real-time processing

Pulldown conversion	24/25/30pSF>24/25/30p (2:2 pulldown)
4K to HD conversion	Support loopout & playback

Audio In & Out

HDMI	8 Channels HDMI embedded audio
SDI	8 Channels SDI embedded audio
Channels	Audio level meter horizontal display 2 channels, and optional 2 channels audio out
Audio Headset	Output 3.5mm headset jack
Built-in Speaker	1.5W x 1

Function

Recording/Playback/Monitoring/Editing/HDR	Support
Look up table (LUT) support	3D LUT(.3dl format), Support 3rd party LUT files import
Playlist	Support full list review or custom playlist review
Playback operation	Support frame-by-frame, fast play, slow play, loop play etc
Marker	Support marking fragments from time to time, and output to disk in XML format, which can be used directly in the later period
Pre-roll Record	Support Pre-roll Record(HD, 10s, 4K 2s)
Time-lapse photography	Support
Fast & slow action	Support
Pulldown record	Support
ExFAT file system	Support ExFAT file system, customize the recording file name
ColorSpace	Rec 709, EBU, DCI P3 D65, DCI P3, Rec2020, User1, User2
EOTF	Gamma 2.0/2.2/2.4/2.6, Rec.2100 HLG 1.03/1.11/1.16/1.20/1.27/1.33, ST2084 PQ, ST2084 PQ（softroll）, SLog, SLog2, Slog3, Clog, Clog2, Clog3, Vlog, Dlog, LogC
Picture analysis	Waveform Luma \ RGB \100%Vector \ 75%Vector、Auxiliary Focus Assist\Zebra \ False Color \ Blue Exposure\ Zoom1 \Zoom2\ Frame Guide\ Save Areas \ Anamorphic \ Freeze
Tally light	LED Tally Light and On-screen Tally display

Dimension

Main body weight	825g
Main body dimension	194x129x48.5mm(WxHxDmm)
Material	Aluminum alloy casing
Install screw	1/4" -20 screw hole, 1xtop, 1xbottom

General

Power Consumption	25-36W
Input Voltage	DC IN 6.2V-8.4V
Compatible Battery	NP-F series battery (Support dual batteries)
Battery	Supports dual batteries
Battery life(based on 2x7.4)	Maximum brightness 6600mAh-3hrs 7800mAh -4.5hrs
Continuous power supply	Support hot swap, battery replacement without shutdown

Packing list

Including	main body, power adaptor, user manual
Optional accessory	magic arm

※Specifications may be changed without prior notice.