Convergent Design's Odyssey7 and Odyssey7Q

A Very Brief Introduction
What Makes them Unique?

Odyssey7 and Odyssey7Q

Heritage

- **The Odyssey7 and Odyssey7Q were designed by the same team that brought you the nanoFlash and the Gemini 4:4:4.**

- **There are over 5,000 nanoFlashes in the field. These are used by a very wide variety of users: independent filmmakers, production houses, and major networks. Many network shows are shot using the nanoFlash.**

- **The Gemini 4:4:4 has been used to record over 100 movies. Many major movies have been shot using the ALEXA + Gemini 4:4:4 with ARRIRAW, including $70,000,000 pictures. Many are being shot today.**

  In fact, we have sold more Gemini 4:4:4's with ARRIRAW than all other ARRIRAW recorders combined.

- **Much of the firmware in the Odyssey7Q is from the field-proven Gemini 4:4:4.**

Why Odyssey7 and Odyssey7Q?

- Odyssey7 and Odyssey7Q are the lightest weight, lowest power, most fully featured professional monitor/recorder available on the market today.

- This includes comparisons to the Ki Pro Mini, the Ki Pro Quad, the Sound Devices Pix series, and the far more expensive Codex Digital products. The Atomos products under $1,000 are not direct competitors.

- Other monitors in this 7 to 8" size do not offer professional recording.

- Other recorders, such as the Ki Pro Quad or Sound Devices are over a pound heavier, and are not ideal for mounting on the front of a hand-held camera. They also use much more power.

- Odyssey7Q supports (via extra cost options), ARRIRAW, Canon 4K Raw, Sony FS700, F3, F35 etc., and many other cameras. Other recorders in this price range do not offer these professional recording options.

- Odyssey7Q FS700 support includes 2K Raw, in 12-Bit Linear, up to 240 fps and 4K to a very popular compressed codec.

What Makes these Unique?

- No other monitors have better connectivity or offer all these features.
  Odyssey7:   HD-SDI 3G - 2 in and 2 out + HDMI in and out
  Odyssey7Q: HD-SDI 3G - 2 in, 4 out, or 4 in and 2 out
  Odyssey7Q: Supports true 4K monitoring and recording - ECO
                (ECO = extra cost option)

- Both have HDMI in and out - up to 1080p60
  Full time cross conversion supported

- Odyssey7Q supports monitoring from up to 4 HD streams simultaneously
  (Ki Pro Quad does this also, but the screen size is 2.5")

- Odyssey7Q includes Quad Splitter and 4-Channel Live Switcher – unique!

- Images on screen can be sent to outputs
  Input can be sent to outputs
  4K Raw or Uncompressed can be sent to HD monitors – ECO

- 7.7" OLED Monitor Factory Calibrated for Accurate Color

Image Analysis Tools

- **Odyssey7 <u>and</u> Odyssey7Q include all of the following professional tools:**
- **Comprehensive Focus Assist Tools**
- **Waveform Monitor with RGB Parade**
- **Color Vectorscope**
- **Histogram**
- **Zebras**
- **False Color**
- **1 to 1 Pixel**
- **Blue Only and Monochrome Modes**
- **Timecode Display and Audio Level Meters**
- **Cockpit Mode – Comprehensive Status Display
  includes ability to change settings without going through menus!**
- **Odyssey7Q adds:**
- **Onion Skinning (Reference Frame + Live Video)**
- **Quad-Split Display (in addition to Full Screen and Picture in Picture)**

Why – Sony FS700?

- The Odyssey7Q is the <u>only</u> recorder, other than the Sony R5, that supports recording from the advanced modes of the updated FS700, ECO. The Ki Pro Mini and Sound Devices recorders cannot do this.

- 2K Raw, in 12-Bit Linear, up to 240 frames per second, continuously.

- 4K, in 12-Bit Linear, to a very popular compressed codec up to 60 fps.

- High Quality HD (more than 8-Bits) to a popular compressed codec.

- The Sony HXR-IFR5 interface is not required.

- Compared to the Sony R5, the Odyssey7Q weights less, costs much less, uses less power, includes a great 7.7" OLED monitor and can be mounted on the front of the camera.

- Odyssey7Q   = $2,295
  FS700 Recording Option   = $795 (supports other Sony cameras)

- Two 256 SSD's ($395 Each) = $790 (512 GB SSDs are $895)

- Thunderbolt SSD Reader   = $99 (USB 3.0 Reader is only $25)

- Total $3,979

Why – Canon C500?

- The Odyssey7Q is the <u>only</u> recorder, that can record 4K Raw from the Canon C500 that can be mounted on the front of a camera <u>and</u> contains a professional monitor. C500 4K support is an ECO. The Ki Pro Quad cannot record 4K.

- 4K Raw, in 10-Bit Log.

- Quad HD Raw, in 10-bit Log.

- 2K, 10-Bit.

- HD, 10-Bit and 12 Bit (Ki Pro Quad has to pass through 4K Raw to an external recorder)

- Odyssey7Q   = $2,295
  C500 Recording Option   = $1,495

- Two 256 SSD's ($395 Each) = $790 (512 GB SSDs are $895)

- Thunderbolt SSD Reader   = $99 (USB 3.0 Reader is only $25)

- Total $4,679

Why – ARRIRAW?

- The Odyssey7Q is the <u>only</u> recorder, that can record ARRIRAW from the ARRI ALEXA's that can be mounted on the front of a camera <u>and</u> contains a professional monitor, ECO.
Other recorders in this price range cannot record ARRIRAW.
The Codex Digital can, but it is many times this price.

- ARRIRAW 16:9, up to 60 fps (limitation of the camera).

- ARRIRAW 4:3, up to 48 fps (limitation of the camera).

- HD

- Can record a proxy file simultaneously.

- Odyssey7Q   = $2,295
  ARRIRAW Recording Option= $1,995

- Two 256 SSD's ($395 Each)   = $790 (512 GB SSDs are $895)

- Thunderbolt SSD Reader   = $99 (USB 3.0 Reader is only $25)

- Total $5,179

Why – Weisscam 2K Raw?

- **The Odyssey7Q is the <u>only</u> recorder, that can record 2K Raw from all of the following cameras:**

- **Weisscam**

- **Lux Media Plan**

- **IO Industries**

- **Indiecam**

- **P&S Technik**

- **Odyssey7Q   = $2,295**
  Weisscam Recording Option = $1,495

- **Two 256 SSD's ($395 Each)   = $790 (512 GB SSDs are $895)**

- **Thunderbolt SSD Reader   = $99 (USB 3.0 Reader is only**

- **Total   = $4,679**

More Unique Features

- The Odyssey7Q is the only camera mountable recorder that can record from four HD Video Stream simultaneously, eco.

- The Odyssey7Q is the only recorder in the world in which one can rent extra cost options instead of purchasing them.

- The Odyssey7Q is the only recorder that can accept the camera's main video feed (a clean feed) while simultaneously accepting a video feed with the camera's viewfinder data if desired.

  One can switch from monitoring the clean feed to the viewfinder data at will.

Odyssey7Q versus Ki Pro Quad

Device	Odyssey7Q	Ki Pro Quad
Screen Type, Size, Resolution	OLED, 7.7", 1280x800	LCD, 2.5", 320x240
Image Analysis Tools	Yes, many	None
Uncompressed Option	Yes	No
Compressed 4K Option	Yes, up to 30 fps	Yes, up to 30 fps, included
Sony FS700, 2K Raw Option	Yes, up to 240 fps	Not Available
Canon C500 4K Raw Option	Yes, internal	Pass-Through to Mac+Raid
ARRIRAW Option	Yes	Not Available
Dual Master Recording	Yes	Not Available
Media Reader	$25 (USB 3.0) $99 Thunderbolt	$495
Power	8 to 15 Watts	31 to 35 Watts
Media, 256 GB, 512 GB	$395, $895	$695, $1,295
Recorder, 512 GB, Reader	$3,110, $4,605 with Canon 4K	$5,785

Odyssey7Q versus SD Pix 240i

Device	Odyssey7Q	Sound Devices Pix 240i
Screen Type, Size, Resolution	OLED, 7.7", 1280x800	LCD, 5.0", 800x480
Image Analysis Tools	Yes, many	Zebras, Focus Assist, False Color, 1 to 1 Zoom
Uncompressed Option	Yes	No
Compressed 4K Option	Yes, up to 30 fps	No
Sony FS700, 2K Raw Option	Yes, up to 240 fps	Not Available
ARRIRAW, Canon C500 Options	Yes	Not Available
Dual Master Recording	Yes	Not Available
Media Reader	$25 (USB 3.0) $99 Thunderbolt	$149 (SSD Caddy)
Power	8 to 15 Watts	28.8 Watts
Media, 256 GB, 512 GB	$395, $895 (High Speed Media)	$395, $549
Recorder, 512 GB, Reader	$3,110	$3,993 (480 GB)

Odyssey7 versus Samurai Blade

Device	Odyssey7	Samurai Blade
Screen Type, Size, Resolution	OLED, 7.7", 1280x800	LCD, 4.7", 1280x720
Image Analysis Tools	Waveform, RGB Parade, Focus Assist, Zebra, False Color, Histogram, Color Vectorscope, Blue Only, Monochrome, 1 to 1 Pixel, Image Flip	Waveform, RGB Parade, Focus Assist, Zebra, False Color
Dual Master Recording	Yes	Not Available
Media Reader	$25 (USB 3.0) $99 Thunderbolt	Firewire 800/USB 2.0/3.0 Docking Station, $129.95
Power	8 to 15 Watts	6 Watts
Media, 256 GB, 512 GB	$395, $895	Can use HDD's or SSD's
Recorder	$1,295	$1,295

Odyssey7Q versus Small HD DP7

Device	Odyssey7Q	Small HD DP7 Pro-OLED-SX
Screen Type, Size, Resolution	OLED, 7.7", 1280x800	OLED, 7.7", 1280x800
Image Analysis Tools	Yes, many	Waveform, RGB Parade, Zebras, Focus Assist, False Color, 1 to 1 Zoom, Blue Only, Monochrome
Timecode Display, Audio Meter	Yes, Yes	No, Future
Compressed Recording	Yes, up to 1080p60	No
Uncompressed Option	Yes	No
Compressed 4K Option	Yes, up to 30 fps	No
Sony FS700, 2K Raw Option	Yes, up to 240 fps	Not Available
ARRIRAW, Canon C500 Options	Yes	Not Available
Dual Master Recording	Yes	Not Available
Power	8 to 15 Watts	10 Watts
Monitor/Recorder	$2,295	$2,699 (Monitor Only)

Odyssey7 versus Small HD DP7

Device	Odyssey7	Small HD DP7 PRO-OLED-SX
Screen Type, Size, Resolution	OLED, 7.7", 1280x800	OLED, 7.7", 1280x800
Image Analysis Tools	Yes, many	Focus Assist, False Color, 1 to 1 Zoom, Monochrome
Timecode Display, Audio Meter	Yes, Yes	No, Future
Compressed Recording	Yes, up to 1080p60	No
Uncompressed Option	Yes	No
Compressed 4K Option	No	No
Sony FS700, 2K Raw Option	No	Not Available
ARRIRAW, Canon C500 Options	No	Not Available
Dual Master Recording	Yes	Not Available
Power	8 to 15 Watts	10 Watts
Monitor/Recorder (No SSD's)	$1,295	$1,399 (Monitor Only)

Odyssey7 versus Small HD AC7

Device	Odyssey7	Small HD AC7-OLED-SDI
Screen Type, Size, Resolution	OLED, 7.7", 1280x800	OLED, 7.7", 1280x800
Image Analysis Tools	Yes, many	Focus Assist, False Color, 1 to 1 Zoom, Blue Only, Monochrome
Timecode Display, Audio Meter	Yes, Yes	No, No
Compressed Recording	Yes, up to 1080p60	No
Uncompressed Option	No	No
Compressed 4K Option	No	No
Sony FS700, 2K Raw Option	No	Not Available
ARRIRAW, Canon C500 Options	No	Not Available
Dual Master Recording	Yes	Not Available
Power	8 to 15 Watts	9 Watts
Monitor/Recorder	$1,295	$1,399 (Monitor, no recorder)

Product Positioning

- The Odyssey7Q is intended for industry professionals and those that may need to record more than compressed HD in the future.

- The Odyssey7Q was designed to compete with any monitor or recorder regardless of cost.

- The Odyssey7 is appropriate for those that only need a monitor and those that want to record from a DSLR with a clean HDMI output.

- <u>The Odyssey7 was designed to, and does compete successfully with any video recorder on the market today costing $900 or more.</u>

- <u>The Odyssey7 was designed to compete with any monitor that costs $900 or more.</u>

- The Odyssey7 is not upgradeable to the Odyssey7Q.

- <u>There is a tremendous amount of interest in these products.</u>

Limitations

- **The Odyssey7 and Odyssey7Q do not support <u>Analog</u> Standard Definition, no composite, no component inputs.**

- **Digital Standard Definition is planned for a future firmware release.**

- **The units will not initially support 720p, this is planned for a future firmware release**

- **Analog Audio input is limited to two channels only.**

- **Digital Audio is initially limited to 2-Channels in both units, and the Odyssey7Q is scheduled to support 8-Channels via a future firmware release.**

- **The Odyssey7Q (only) supports extra cost options for recording from many professional cameras**