

Odyssey7 v Odyssey7Q Comparison

Indicates difference between models

	Odyssey7	Odyssey7Q
Display		
7.7" 1280x800 OLED 8-bit Capacitive Touch Screen	√	√
Connectivity		
3G-SDI Inputs (dedicated)	one	two
3G-SDI Outputs (dedicated)	one	two
3G-SDI Inputs/Outputs (bi-directional)	-	two
HDMI inputs	one	one
HDMI outputs	one	one
Timecode LTC I/O, SDI/HDMI embedded (HDMI future)	√	√
Physical		
Magnesium case; 7.9"x6.1"x1", 1.2 lbs	√	√
SSD slots	one	two
6.5-34vdc, 8-15w, polarity protection, power switch	√	√
Monitor Functions		
Waveform (Luma & RGB Parade) small or large	√	√
Histogram (Luma & RGB Parade) small or large	√	√
Vectorscope with magnification	future	future
Zebra	√	√
False Color (five programmable steps)	√	√
Pixel Zoom with frame drag	HD limited	Up to 4K
Focus Assist (three styles w/selectable color & sensitivity)	√	√
LUTs (presets for popular camera LOG to REC709)	√	√
LUTs (programmable 3D-LUT library)	-	future
Frame Guides	√	√
Image-Flip	√	√
REC709 or DCI-P3 Color Gamut	√	√
MultiStream Monitoring up to 4 HD signals w/live switching	-	√
Recording Functions		
Apple ProRes 422(HQ) up to 1080/30p, 1080/60i and 720/60p	√	√
Apple ProRes 422(HQ) up to 1080p/60 from SDI	future	future
2K 12-bit/10-bit 444 RGB to 60p in Uncompressed DPX	-	√
HD 12-bit/10-bit 444 RGB to 60p in Uncompressed DPX	-	√
2K/HD 12-bit/10-bit 444 RGB compressed video up to 60p	-	future
4K 422 compressed video up to 30p	-	future
HDMI HD recording in 1080 up to 30p/60i, 720 up to 60p	√	√
Record trigger from touch screen or camera	√	√

Audio		
2-channel SDI/HDMI Embedded Audio, 48K, 24-bit Wave	√	√
8-channel SDI/HDMI Embedded Audio, 48K, 24-bit Wave	-	future
2-channel Analog Audio input, 3.5mm stereo socket	future	future
2-channel Headphone output, 3.5mm stereo socket	√	√
Record Options (extra cost website downloads)		
ARRI ALEXA:		
16:9 RAW up to 60p	-	√
4:3 RAW up to 48p	-	future
Log-C monitoring LUT	-	√
Canon C500:		
4K RAW up to 60p	-	√
QHD up to 60p	-	√
4K "half- RAW" up to 120p	-	future
4K/QHD 422 compressed video up to 30p from 4K RAW	-	future
C-Log monitoring LUT	-	√
Sony FS700:		
4K RAW up to 60p	-	√
4K RAW 120p burst	-	√
2K RAW up to 240p	-	√
"4K2HD" 4K RAW to HD Apple ProRes 422(HQ) to 30p	-	√
"4K2HD" 4K RAW to HD Apple ProRes 422(HQ) to 60p	-	future
"4K2HD" 4K RAW to HD compressed video 4:4:4 RGB to 60p	-	future
"4K24K" 4K RAW to 4K compressed video 4:2:2 to 30p	-	future
"2K22K" 2K RAW to 2K compressed video 4:2:2 to 120p	-	future
S-Log2 monitoring LUT	-	√
REC709 (800%) monitoring LUT	-	√
MultiStream Recording:		
Record up to 4 HD signals simultaneously in Apple ProRes 422(HQ) to 30p, plus XML for Edit Decision List	-	future
Record up to 3 HD signals & live switch edit simultaneously in Apple ProRes 422(HQ) to 30p, plus XML file for Edit Decision List	-	future
List Price (US\$)	\$1,295	\$2,295

All specifications, features and prices are subject to change
Updated 7/9/14