

Convergent Design Odyssey7 Family Comparison

		
Model	Odyssey7	Odyssey7Q
7.7" OLED 1280x800 8-Bit RGB Capacitive Touchscreen	✓	✓
SDI BNC Ports	2-In, 2-Out, All SD/HD/3G	2-In, 2-Out, SD/HD/3G 2-BiDirectional, SD/HD/3G
HDMI I/O, Up to 1080p60	✓	✓
Timecode: LTC I/O (BNC), SDI/HDMI Embedded	✓	✓
Firmware Updates via USB port	✓	✓
Magnesium Case: 7.9" (W) x 6.1" (H) x 1" (D); 1.2 lbs	✓	✓
10-34V Power, 8-15W, Reverse Protection, on/off switch	✓	✓
Waveform, RGB Parade, Histogram, Vectorscope, Zebras, etc. in Full Screen or Overlay Mode; H/V Flip-Flop	✓	✓
False Color, 1:1 Pixel Mode, Focus Assist, Blue Mode, Guides	✓	✓
Embedded Audio, 48K, 24-Bit (Broadcast Wave)	2 channels	8 channels
Analog Audio, 3.5mm Stereo I/O, HP support	✓	✓
LUT Support (ARRI, Canon, Sony, Custom)	✓	✓
Simple Intuitive Menus, Auto Setup Based on SDI MetaData	✓	✓
Bluetooth Control (iPhone, Android App), Wired Remote	✓	✓
Sun Shade Option	✓+	✓+
Support for Popular Batteries (IDX, AB, Sony)	✓+	✓+
Upgradeable to Recorder via various Options	✓+	✓+
Dual 240/480/960 GB SSD Support (Purchase from CD)	✓+	✓+
Record Triggers: Touchscreen, iPhone/Android App, SDI (ARRI, Canon, Panasonic, Red, Sony) or HDMI (Sony, Canon)	✓	✓
3:2, 2:2 Pulldown Removal, Record Cache, VariFrame, Time-Lapse	✓	✓
Video Streams Supported Simultaneously	One	Four
DNxHD YCC 8/10-Bit to 1080p60/60i, 720p60 (.mov, .mxf)	✓	✓
Sony F3: Unc HD 10-Bit RGB 444 Recording (.dpx) + Proxy		✓+
2K/HD Raw support for WeissCam, LMP, IndieCam, IO Industries (.dng)		✓+
ARRIRAW 12-Bit 16:9/4:3 Support (.ari) + Proxy		✓+
Canon C500 4K 10-Bit Raw @ 60fps in single recorder (.rmf) + Proxy		✓+
Sony FS700: 2K RAW 240fps (.dng), 4K YCC 30fps (.dpx) + Proxy		✓+
Sony F55 4K YCC 30fps Compressed Via Four SDI Links		✓+
Four Channel HD/2K Compressed Recording/Playback		✓+
Quad Split Monitoring with Live Switching		✓
Display image analysis tools in four separate quadrants		✓
Onion Skinning (Overlay of Still and Live Video) Support		✓
Display Viewfinder Data, Record Clean Video		✓
Image Analysis (Waveform, RGB Parade, etc) during Playback		✓
Best Future-Proof Choice		✓
Price (US\$)	\$1,295	\$2,295
Scheduled Initial Shipments (Subject to Change)	November 2013	August 2013
✓+ = Extra Cost Options		
All specifications, features, and prices are subject to change, Proxy = DNxHD-36		