

# 1 Beyond™ Wrangler™ Mini3D™

## On-Camera Stereo Direct-to-Disk Recorder & Viewer

### Industry's First Stereo RAW and HD-SDI Uncompressed DDR / Viewer

**1 Beyond™ Wrangler Mini3D™ DDR / Viewer** is an innovative and ideal on-camera solution for professionals shooting in 2D and 3D. With support for all major mono and stereo cameras, the Wrangler Mini 3D utilizes a new 8 processor design providing the power for DDR features never before available including:

- **Real-time processing of stereo raw or HD-SDI inputs. Raw formats include Alexa, Weisscam, LMP and SI.** Simultaneously displays live 2D/3D to DVI, HDMI or HD-SDI 3D outputs
- **Encoding live to most major uncompressed and compressed 2D/3D formats** including: DPX, MOV, CineForm 3D, and more than 35 others
- **1 Beyond GoHDMag™ cartridges** - up to 2TB solid state high performance storage with bandwidth to over 400MB/s.
- **Built-in Performance Monitors:** preview, vectorscope, waveform (YCbCr/RGB) and histogram, black and white levels, luminance, chrominance
- **Unique modular design** provides an upgrade path never before possible; e.g. buy a stereo HD-SDI DDR now and upgrade to a dual 3Gb 4:4:4
- **Compatibility with the entire line of 1 Beyond Wrangler systems** for live broadcast quality output, automated duplication, instant stereo review, real-time color grading and logging on-set -- the industry's only compatible end-to-end 2D & 3D workflow line.



**1 Beyond Wrangler Mini3D  
DDR / Viewer**

As a viewer, the **1 Beyond Wrangler Mini3D** provides a number of industry unique features including:

- **Largest screen -- 10.4"**, with high resolution focus
- **Built-In 3D Camera Setup tools** -- with 8 different 3D views on the large high resolution screen
- **High Contrast** -- 1200:1 contrast ratio for deep blacks
- **Touch Screen Software** -- for direct-to-disk recording and/or review for 2D/3D, SDI and Gigabit HD and Raw cameras.

### Configuration Options

- **Stereo HD-SDI** recording from Panasonic, Sony, ARRI and Raw recording with Alexa, LMP and Weisscam plus other others
- **Silicon Imaging Mono and Stereo 2K** cameras with SI-2K, SI-3D Raw and CineForm 3D codecs and Live conversion for simultaneous Broadcast / Record

### Wrangler SW Features

- Mature / Proven SW with new Touch developed for the Mini3D
- Audio - up to 16 embedded audio (SD/HD), 8 AES/EBU audio channels
- Clip Management - (record, add, play, trim, remove/delete)
- Timeline - sequenced editable signal and file output
- EDL - automatic creation, fully editable, save as various types
- Protocol - Sony serial RS-422 (VTR) - optional
- Status - Audio/Video, system, metadata, status and error reporting/display

### Output File Types

- Native Support for DPX, Cineon, DVCPRO HD, TGA, TIFF, BMP YUV, AVI, CineForm, SI-2K & 3D RAW and QuickTime...
- Optional Support for AVC Intra, DNX HD, Jpeg 2000

### Hardware / Software Features

- Rugged on-camera mount chassis
- Remote Control by USB hand control with buttons and 4 line LCD and by WiFi connection
- 10.4" TFT touch screen High Resolution 1024x768 LCD
- Dual record drives (SSD or HDD) configuration depends on formats to be captured
- Optional Synchronous Record / Playback controls for multiple units
- Small 7.6"H x 12"W x 4.5"D for easy hand usage or on-camera rig installation
- Light weight 10 lbs. -- using external power, 12.5 lbs. with 1 Beyond 160Wh IntelliBatt™ intelligent battery
- Optional Custom Storm case

GOVERNMENT: GSA/GS-35F-0850N

Specifications subject to change without notice

**"In Service, Technology and Value, We Are..."**

**1 Beyond**  
DIGITAL VIDEO SYSTEMS

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**Input Standard Options**



**Encoding Options**



**Camera Select for RAW**



**Overlay Options**



**Playback/Preview/Record**



**3D Views Options**