

# OB-1™

[www.stwo-corp.com](http://www.stwo-corp.com)

small  
lightweight  
very low power  
uncompressed  
silent - no fans  
intuitive operation  
fully featured  
removable flashMag™  
in-place workflow  
robust - no moving parts



## OB-1 - On Board Recorder

The ultimate answer for Digital Cinematography recording - THE OB-1

For all cameras with uncompressed outputs, the OB-1 has full support for every HD frame rate and frame size including 444 1080, 60P and of course ARRIRAW with real-time de-bayer viewing.

The OB-1 features external LTC with full jam sync and 2 channels of analog audio. User loaded Look Up Tables (LUT) can be assigned to the HD monitoring outputs.

Main Display is color co-ordinated for function at a glance status indication.

Small enough for shoulder or Steadicam use, fully featured for all circumstances, flash based recording means NO MOVING PARTS. The OB-1 is silent - NO FANS!

**OB-1 The Everything Recorder**



# S.two

Digital Filmmaking

TM  
**S. two**

**1** UNCOMPRESSED  
Direct to DPX  
Data 0~60FPS  
HD/HD444/HD4444  
ARRIRAW T-LINK  
LUTS, Squeeze,  
Real-time Monitoring

FLASHMAG™

TO POST

OB-1™



**2** FLASHMAG™



PROJECT CONFORM AND FINISH  
AUTOMATED DATABASED  
'NEG PULL' for D.I. FINISH

Just One Of The Many Workflows For Uncompressed Digital Cinematography Data With The OB-1

### OB-1 Specifications\*

Inputs: HD-SDI x 4 SMPTE 292  
Dual SMPTE 372  
LTC -Analog SMPTE12M  
Audio - 2 ch. Analog

Outputs: HD-SDI x 4  
SMPTE 292/372  
Independently assignable  
RP188 Embedded ANC Data  
Embedded Audio  
Analog LTC 12M

Control: GPI/o Trigger / Tally  
RS422  
Ethernet

Service: USB 2.0 Port  
Power: 12 ~ 30VDC

Physical: - All with FlashMag mounted  
5" (H) x 8" (L) x 4.25" (W)  
Under 7lbs (Less than 3Kg)  
Power consumption With FlashMag,  
in record: Less than 20W @ 12V DC

Formats: Dual link HD-SDI 444 / 4444  
1080P / PsF / i -  
23, 24, 25, 29, 30, 50, 59, 60

ARRIRAW  
23, 24, 25, 29, 30  
ARRI M-SCOPE (MORE TO COME!)  
Assignable LUT to output 1D & 3D  
Full Anamorphic camera / lens monitoring:  
ARRI S35 RAW & ARRI M-SCOPE,  
HAWK 1.33, (SONY F35)  
VIPER 2.37

Video: IN - HD-SDI x 4  
Dual rate 1.5 / 3 GHz  
OUT - HD-SDI - Assignable  
Dual SMPTE 372  
LTC - 5 pin (Ambient compatible)  
Audio - Mini 5 pin XLR

Control: GPI/o and RS422 Hirose 11 Pin  
Ethernet RJ-45

Service: USB 2.0 Port  
Power: Fischer 3 pin



When the screen is RED, You're in RECORD



When the screen is BLUE, You're in LIVE



When the screen is GREEN, You're in PLAY

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