

# Osprey® SHCA-3

3G SDI to HDMI Converter with Audio De-Embedding and SDI Loopouts

## USB powered SDI to HDMI Converter

This non-scaling Osprey SDI to HDMI Converter with Automatic Input Detection will accept any single link SDI input up to 3G and passes it to an HDMI 1.4 Output and two reclocking SDI outputs while preserving four channels of Embedded Audio. As an added feature the SHCA-3 can de-embed one Stereo Pair of unbalanced or S/PDIF Audio. Powered by USB via a locking connector the SHCA-3 is perfect for streaming workflows.



### Standards Compliance

SMPTE 259M, SMPTE 292, SMPTE 344M, SMPTE 424M

### Video Inputs

1x 3G / HD / SD SDI (BNC) w/ embedded audio (up to 4 stereo pairs)

### Video Outputs

1x HDMI 1.4 with embedded Audio (Type A – Full Size)  
2x 3G / HD / SD SDI (BNC) w/ embedded audio - reclocked

### Audio Outputs

1x Unbalanced Stereo (RCA)  
1x S/PDIF (RCA)

### Cable Equalization (Belden 1694A)

100m at 3G, 200m at HD, 400m at SD

### Supported Resolutions

#### 3G-SDI:

1080p: 60, 59.94, 50

#### HD-SDI:

1080p: 30, 29.97, 25, 24, 23.98

1080i: 60, 59.94, 50

720p: 60, 59.94, 50

#### SD-SDI:

NTSC 480i, PAL 576i

### LED indicators

Power  
SDI Signal lock

### Dimensions

3.82" L x .87" H x 3.82" W (97mm L x 22mm H x 97mm W)

### Power Connector

Locking Mini B USB

### Power

+5 VDC @ ~2W

May be powered by USB charger, PC or portable battery pack

### Warranty

1 year limited hardware warranty

### In the Box

SDI to HDMI Converter  
USB Wall Power Supply  
Mounting brackets  
Locking USB cable

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