

## Product Description

With the MI80, you can enjoy all the amazing features of MovieRecorder 3, in an optimised hardware and software bundle. Softron has gathered the highest quality hardware components in order to ensure the best experience possible. Just connect the MI80 to your new Mac Pro, using a single Thunderbolt 2 cable, start MovieRecorder 3, and you are ready to start ingesting up to 8 streams of HD (or SD) on your Mac Pro.

### **The only 8 input card on the Mac!**

DELTACAST is an OEM solutions provider dedicated to developing and manufacturing state-of-the-art products for the professional digital video market. DELTACAST only recently developed Mac OS drivers so their presence on the Mac market is relatively new. They were (and are still currently) the only manufacturer offering a reliable, single Low-Profile video card that provides 8 inputs.

### **A small and silent expansion chassis.**

Softron has a lot of experience working with Sonnet and their xMac mini Servers and xMac Pro Server solutions. These are amazing products that have been put into service by a number of our users who require rack-mountable solutions. The Sonnet Echo Express SEL is the only Thunderbolt 2 device that is suitable for Low-Profile cards, making it the smallest yet most powerful solution to accommodate the Low-Profile Deltacast card that we chose for the MI80. The MI80 is very small - just like the new MacPro and most importantly, it is QUIET!

### **What about 2K and 4K?**

With the Deltacast DELTA-hd-elp-d 80, you are able to record either:

- 8 x HD (or SD)
- 4 x 2K
- 2 x 4K signals

## Features

### **Video**

- SMPTE 259M-C (SD SDI) and 292M (HD SDI) completely independent transmitters and receivers
- Single Link SDI and Dual Link SDI (DL-SDI) capture for source image formats:
  - HD formats as per SMPTE 274M and 296M:
    - 1080i60/59.94/50
    - 1080p30/29.97/25/24/23.98
    - 1080PsF30/29.97/25/24/23.98
    - 720p60/59.94/50
  - 2K formats as per SMPTE-2048-2
    - 2048x1080p30/29.97/25/24/23.98
    - 2048x1080PsF30/29.97/25/24/23.98
  - Dual Link formats support as per SMPTE 372M:
    - 1080p60/59.94/50
  - SD formats as per ITU-R BT.601-5 part A:
    - NTSC 525i59.94
    - PAL 625i50
- 4K (4096x2160) and UHD SDI (3840x2160) capture as 4-quadrant HD

### **Other features**

- Time code (VITC, LTC, ATC) de-embedding as per SMPTE RP188
- OP42 CEA-708 close captions de-embedding

Technical Specifications	
Dimensions (WxDxH)	4 x 8.42 x 2.82 in. (10.16 x 21.39 x 7.16 cm)
Weight	2.1 lbs (0.97 kg)
External Connectors	<ul style="list-style-type: none"> <li>• 2 x Thunderbolt ports (for daisy chain)</li> <li>• 8 x 75 Ohms, DIN 1.0/2.3 connectors (on video card)</li> <li>• 1 x power</li> </ul>
Power Adaptor	Universal 60W, 100-240V AC, 50-60 Hz
Max Power Consumption	1.2 A
Operating Temperature	0° C to 35° C (32° F to 95° F)
Humidity	20% to 80% non-condensing
What's in the box ?	<ul style="list-style-type: none"> <li>• 1 x Dongle with the license to record 8 channels in MovieRecorder 3</li> <li>• 1 x Echo Express SEL chassis (with DELTA-hd-elp-d 80 with low profile bracket inside)</li> <li>• 1 x Additional standard bracket for the Deltacast card</li> <li>• 8 x patch cables DIN 1.0/2.3 to BNC (female) - 8.7" (20 cm)</li> <li>• 1 x Thunderbolt cable</li> <li>• 1 x Thunderbolt cable lock</li> <li>• 1 x Power adapter</li> <li>• 1 x Power cord</li> <li>• 1 x Documentation</li> </ul>
Warranty	One year
System Requirements	<ul style="list-style-type: none"> <li>• At least a <a href="#">3.5GHz 6-core Mac Pro with 16 GB of RAM</a> to record to ProRes 422 1080i29.97, contact Softron for other codecs &amp; formats</li> <li>• Mac OS X 10.9.4 and later</li> <li>• MovieRecorder 3.1 and later</li> </ul>
Available Options	<ul style="list-style-type: none"> <li>• Pro Codecs (to support the AVC-Intra, DVCPRO-HD and XDCAM codecs, and the MXF format)</li> <li>• Closed Captioning</li> </ul>

## Connection Diagram

The M|80 has eight 75 Ohms, DIN 1.0/2.3 connectors. The order of inputs is easy to remember: when you look at the back of the device, it follows the reading order, left to right and top to bottom.

