



# DP-800S

## SDI Interface Board for Sony 4K Block Cameras

The DP-800S interface board is a complete solution to provide real-time 4K SDI from Sony 4K block cameras. The DP-800S connects directly to the Data I/O connector on the Sony 4K series cameras and converts sensor data from the camera to SDI in real time. The DP-800S supports all camera resolutions up to 4K30p and provides physical power, USB, and VISCA interfaces for camera control.

### DP-800S Features

- Supports Sony FCB-ES8230, FCB-ER8300, FCB-ER8530, and FCB-ER8550 cameras
- Provides 4K SDI output up to 12G
- Converts digital HDMI camera data to SDI
- Supports camera genlock (FCB-ER8550 only)
- Automatic camera resolution detection
- Direct connection to 30-pin Sony connector
- On-board frame buffer for robust video transmission
- Power, USB, and VISCA interface to camera
- RoHS compliant

### DP-800S Specifications

- Video Output: Up to 12G (4K60) SDI
- Operating Temp: 0 - 70° C
- Size: 75mm x 52mm
- Power: 6 to 12V DC
- Connectors:
  - SDI Video: SMB
  - Communication: Micro USB (2)
  - Power: 5.5mm Barrel