

Getting 4K Output from a Sony® PXW-FS7 Camera

This document describes what is required to get 4K out of the Sony PXW-FS7 through HDMI on the PIX-E monitors. Several things are necessary and should be completed in the following order:

- The recording format must be set to a 4K-capable format.
- The HDMI Output must be set appropriately.

Setting the Recording Format

To set the PXW-FS7's recording format:

1. Turn the camera on.
2. Press the MENU button on the camera.
3. Select System > Rec Format > Video Format.
4. Set the value to one of the following:
 - 4096x2160 29.97p
 - 4096x2160 23.98p
 - 3840x2160 29.97p
 - 3840x2160 23.98p



Note: These rates assume that System > Country is set to NTSC area. When set to PAL area, 25p rates are available. The 59.94 4K rate is not supported by PIX-E monitors.

Setting up HDMI Recording Output

Properly setting up HDMI recording output requires adjustments to the audio output and multiple video settings.

To set up HDMI recording output:

1. Turn the camera on.
2. Press the MENU button on the camera.
3. Select Video > Output On/Off > HDMI, and set the value to ON.
4. Select Video > Output Format, and set the value to either 4096x2160p or 3840x2160p.
5. Select Video > Monitor LUT > HDMI, and set the value to MLUT OFF. This setting ensures no lookup table is applied to the recording.
6. Select Video > Output Display, and set the value to OFF. This turns off the on-screen display from the HDMI out.
7. Select Audio > Audio Output > HDMI Output Ch, and set the value to either CH1/CH2 or CH3/Ch4.