Waveform Monitor Types

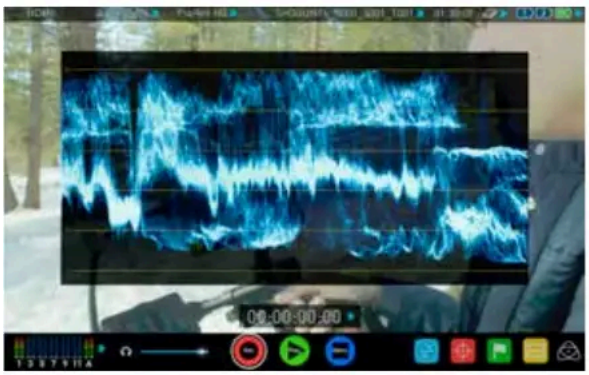
Inside the Waveform Monitoring menu, two types of Waveform Monitors are available for use:

Luma Waveform Vectorscope

RGB Waveform Vectorscope Zoom

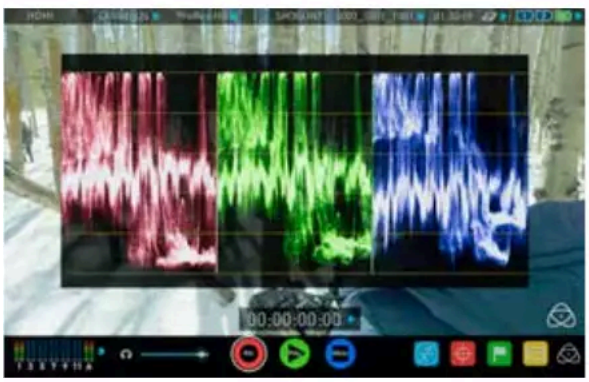
Luma Waveform, RGB Waveform, Vectorscope and Vectorscope Zoom are enabled simply by touching the corresponding icon and will be by default displayed at the bottom right hand corner.

Luma Waveform



The Luma or Luminance Waveform is a great way to visualize the dynamic range of your image, allowing you to protect exposure of both your high lights and shadow detail. It's particularly useful when shooting with a low contrast LOG curve and works in perfect partnership with the AtomHDR engine to illustrate the highlight clipping point to allow you to correctly expose you image.

RGB Waveform



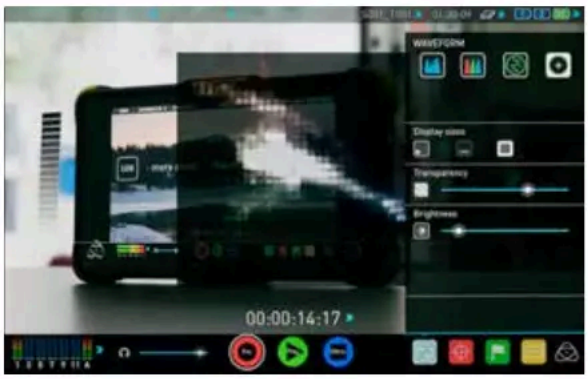
RGB Waveform will monitor the level of Red, Green and Blue from an input source. The RGB channels are displayed side by side. This can be used to check to white balance. Just point the camera at something white and the Red, Green and Blue levels should match if white balance is setup correctly on the camera

The Waveform Monitor will remain on screen when hiding the overlays ensuring the focus remains on calibrating your image.

Vectorscope

The Vectorscope display shows colour information of hue (shown as a phase vector), and saturation (measured by outward distance from the centre). This is useful for checking if an image is under or over saturated and for calibrating multiple cameras to ensure greater consistency between shots.

Vectorscope Zoom



The Vectorscope Zoom shows a scaled up view (x8) of the centre of the vectorscope.

Waveform Monitor Settings

From within the Waveform Monitoring menu you can access the display settings for the waveform monitor.

To change the size of the waveform, press on the 1/4, 1/3 or Full Screen icons and the display will update immediately.

Waveform Size settings

To toggle between Waveform Monitor sizes of 1/4, 1/3 and Full Screen from the Home Screen, tap in the bottom left corner of the screen .

Brightness

Transparency

The Brightness slider directly controls the intensity of the waveform while the Transparency slider adjusts the transparency values of the waveform display on screen.