

Abstract

Stereo Video Camera (StereoVideoCam)

This invention is called “Stereo Video Camera” (“StereoVideoCam” in short). It is like a normal video camera, except that it has two lens-and-image systems (lenses typically set about 63 mm apart) to capture the left image and right image of the same moving picture (or same still picture) simultaneously, i.e. on the same time line.

When played back, depending on mode selection, the StereoVideoCam's screen is able to show the left and right images on each half of the screen or show only the left images or show only the right images.

When played back, the left and right images can be output simultaneously to 2 separate (TV or computer or other) screens or alternatively output the left and right images to each half of the same (TV or computer or other) screen.

When viewed through my related invention “StereoSpecs”, the left and right images of moving pictures are merged into 3-dimensional video in full natural colour while the left and right images of still pictures are merged into 3-dimensional still pictures in full natural colour.

Fig 1B.