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ABSTRACT

DIGITAL VIDEO RECORDER

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Provided is a video recorder autonomously mounted on a windscreen or a glass pane from within of the car. The sidewalls of the housing of the video recorder form an enclosed internal cavity in which a video camera is placed. One sidewall of the video recorder housing is substantially flat thus providing a fastening side for mounting the housing to the windscreen either directly or through a gasket or through a gasket with a firm plate for forming a detachable fixation of the video recorder to the windscreen. The housing fastening side has a window and the gasket and the plate (if present) each has an opening of the same form and arrangement as the window. An optical axis of video camera lens is directed through the internal enclosed cavity to the window such that an external radiation, for example, visible light passing into the cavity and falling to the video camera lens of the video recorder can be acquired by the video camera image sensor for obtaining an image. Such construction allows to avoid hitting of light from stray external light sources into the video camera lens and, thus, to avoid distortion of the received image by light patches from the external sources.

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(Most illustrated by figure 3)