Claims

1. A video recorder configured to be removable mounted on a windscreen or a glass pane, the video recorder comprising:

a housing having sidewalls, including a front side and a back side, forming an enclosed internal cavity within the housing, the front side being substantially flat and having a window through which only an external optical radiation from outside passes into the enclosed internal cavity, the housing is configured for removable attaching onto the windscreen or the glass pane,

a video camera arranged within the internal enclosed cavity, wherein the optical axis of the video camera lens is oriented toward the window in such way that allows the video camera to acquire the optical radiation passed into the housing through the window and fallen onto the video camera image sensor, for obtaining an image signal from the acquired external optical radiation,

a gasket of an elastic or resilient material, characterized in that the video recorder further comprises

a firm plate, the plate having an axial fixture provided at its edge for enabling pivoting motion of the housing relatively to the plate, wherein the gasket and the plate each has an opening substantially coinciding in the form and arrangement with the form and arrangement of the window in the front side of the video recorder housing for matching the openings and the window with each other in the operating state of the video recorder, wherein the gasket is attached to the plate by a first adhesive substance applied on a first planar surface of the gasket,

wherein the video recorder is fastened to the windscreen through the gasket by means of a second adhesive substance applied on a second planar surface, opposite to the first planar surface of the gasket, thereby the housing of the video recorder is fastened to the plate in detachable manner, wherein fastening of the housing in detachable manner to the plate is implemented by means of a counterpart locking profile being any one of:

a) the latches located along the edges of the plate and fixing the housing to the plate,

b) male locking profile located on the surface of plate side facing to the front side of the video recorder housing and engaging with female locking profile in the housing front side,

c) at least one ridge on the plate side facing to the front side of the housing, extended along the plate surface and slidably engaging with grooves in the housing front side,
or
d) a single ridge located on the plate side along the whole periphery of the plate, engaging with reciprocal groove in the housing.

2. The video recorder according to claim 1, wherein the plate having a form in a plan view coinciding with the form of the front side of the housing in a plan view.

3. The video recorder according to claim 1 or claim 2, wherein the plate has two opposing planar surfaces, wherein the gasket is attached on the first planar surface and wherein the second planar surface is provided with the locking profile.

4. The video recorder according to claim 1, wherein the external optical radiation is at least one of visible light or IR-radiation.

5. The Video recorder according to claim 1, wherein the window on the front side of the housing is surrounded by a closed surface of the mentioned front side.