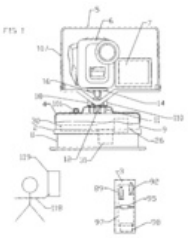
103114 results for Similar patents - Collection: FAMPAT

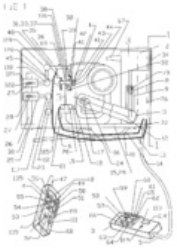
#	Title	Publication number	Publ. date	Applicant/Assignee
1.	Remote-control camera mounting device	WO2004/027513	2004-04-01	YUEN SILBERT YUEN SILTEX PETER

A portable wirelessly remote-control camera mounting device system especially for handheld video camera and digital camera. It provides the user the ability to control the video/picture capturing direction from a distance away. The camera mounting stage provides polar rotational movement both horizontally and vertically. The rotational movements are controlled by remote device as the input instructional device by the user. The signal is then transmitted to the camera mounting stage via wireless signal transmission. The camera mounting stage receives the signals and generates functions to drive the designated motors to move the camera video/picture capturing direction to the decided direction. The user can then confirm the results from the LCD screen of the video camera and fine tune the direction of the camera mounting stage. The device is rain resistance and also provides a rain shield for the camera.



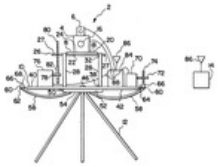
2.	Remote-control device for video camera	US20030214601	2003-11-20	YUEN SILTEX PETER

A remote control device, which includes conventional remote system and wireless remote system, to control a handheld video camera without directional limitation. Generic handheld video camera controller are using IR signals which require the signal source to be pointing at the video camera IR receiver inlet lens in order for the system to facilitate the remote control functions. This device provides users a remote controlling means to control the video camera from a distance away with a physical wall or blockage in between. This device turns most of the available handheld video cameras into quality surveillance video cameras. This device makes surveillance video system much more affordable. Since this device is a universal device, it works with most generic video cameras of different brands; users can choose their favorite brand to be their surveillance camera. This device is covered with a rain shield and is suitable for both indoor and outdoor usage.



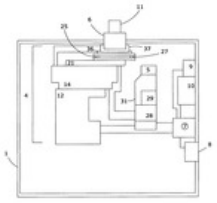
3.	Remote control and camera combination	US5073824	1991-12-17	VERTIN GREGORY D

A remote control camera apparatus comprising a video camera or motion picture camera mounted on a tripod, and the camera having a first servo motor to rotate the camera throughout a 360 degree horizontal arc, and a second servo motor to pivot the camera throughout a 180 degree vertical arc. Each servo motor is controlled by an electrical circuit having a receiver to receive radio frequency signals transmitted by a remote control transmitter with said radio frequency signals including an operating control signal to signal each of the servo motors when to start, when to stop, and in what direction to rotate. A laser transmitter, capable of being turned on and off by the remote transmitter, is mounted on or adjacent to the camera to direct a visible laser beam parallel to and slightly above the axis of the camera lens so that the visible laser beam hits slightly above and in line with the center of the area the camera lens is focused on. The laser transmitter enables a person manipulating a camera or plurality of cameras from a remote location to see when each camera is focused on the subject to be shown in the picture. After the camera is focused on the subject, the remote control transmitter turns off the laser beam and turns on the camera until the shooting is complete whereupon the remote transmitter turns off the camera.



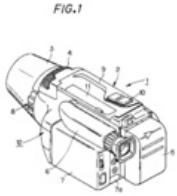
4.	Remote controlled rotating camera mount	US20180267391	2018-09-20	LEFEVER WILLIAM CONN

The invention comprises a small, easily transportable, specially programmed, wirelessly controlled camera mounting device. The camera mounting device is equipped with a ¼-20 stud, the standard type of stud used by tripods, so the user can easily mount a Go-Pro camera or any other kind of presently available small camera on the camera mounting device. Embodiments of the device can rotate the camera up to 360 degrees, left or right, at any of multiple speeds, and can pause, and rotate the camera up or down. Embodiments of the device can attach themselves to other surfaces, by several methods, and can be charged wirelessly. The invention also includes a method that eliminates the need to use multiple cameras, while making a video, and splice the video together after the fact. This invention also comprises security systems using the camera mount.



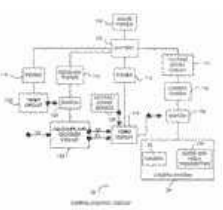
5.	Display device for video camera	EP0689350	1995-12-27	SONY

A video camera is provided with both a liquid crystal display as well as a smaller conventional eyepiece type viewfinder. Switching means responsive to an opening movement of the liquid crystal display from a closed position is used to automatically and smoothly switch off the viewfinder, switch on the liquid crystal display and to enable a speaker. The liquid crystal display is also used as a cover for relatively infrequently used setting switches and controls.



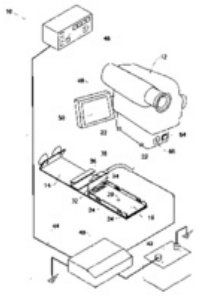
6.	Apparatus and method for remote viewing system	US20070025712	2007-02-01	ARLO TECHNOLOGIES

An energy conserving remote power efficient viewing system comprising an instantaneous analog video transmission camera, an analog video receiver that receives and transmits a video image to a video monitor and a remote transmitter that activates the analog video transmission camera. The remote camera device is normally off, sleep mode that has a minimal power drain. The system includes a battery powered camera requiring a first voltage to operate and an RF transmitter to send an activation signal to the camera. The activation signal has a duration. A camera power circuit includes a normally sleeping signal receiving circuit and a first timer. The first timer periodically activates the signal receiving circuit to check for the presence of the activation signal and turns off the signal receiving circuit if the activation signal is not present and turns on the camera if the activation signal is present, and wherein the time the signal receiving circuit is off is less than the activation signal duration.



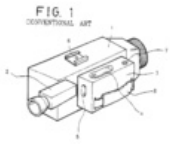
7. Camcorder mounting and control system US6587152 2003-07-01 INTERNATIONAL POLICE TECHNOLOGIES

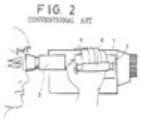
A camcorder mounting and control system comprising a camera interface unit (termed a "camera box") and mounting tray combination. The camera box contains a camera interface circuit board having a power transmit line and battery charging voltage transmit line which function as a bridge between an in-vehicle system control unit and a camcorder. The forward end of the circuit board is provided with an electronic interface which is accessible via a forward end opening on the camera box. The camera box is received in the special mounting tray which includes a quick disconnect adapter board having a first adapter electronic interface complimentary to the circuit board electronic interface and, in electrical communication therewith, a second adapter electronic interface for receiving a cable from the in-vehicle system control unit. The camcorder is easily disconnected from the mounting tray by sliding the camera box toward the rear of the mounting tray. The camera interface circuit board may further include a control circuit electronically connected to the control line interface connections to provide secure camera function control for out-of-vehicle use, a detection circuit electronically connected to the power transmit line to sense the voltage being supplied over the power transmit line, and a transfer circuit for coordinating command and control of the camcorder as between the system control unit and the camera interface control circuit.



8. Camcorder with detachable and rotatable viewfinder assembly US5801774 1998-09-01 LG ELECTRONICS

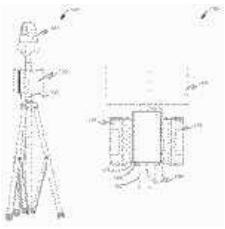
A camcorder includes a detachable viewfinder assembly to enable more convenient and comfortable viewing of a viewfinder. The viewfinder assembly includes a support plate, a strap body, and a viewfinder rotatably connected to the strap body. According to the present invention, one of the viewfinder and the strap body is fixedly connected to the support plate. The support plate is preferably mounted so as to be rotatable relative to the camcorder. The viewfinder is preferably an LCD display. The strap body may also be provided with a handstrap, which offers an alternative means for a user to hold the camcorder. The viewfinder according to the present invention may therefore be laterally movable and tiltably movable.





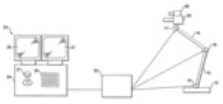
9. Lightweight cordless security camera US20090086043 2009-04-02 SCHEUCHER KARL FREDERICK

The present invention is a lightweight, cordless security camera comprising a lightweight stand or tripod, a video camera with pan, tilt, and zoom articulation and an audio microphone, a wireless networking interface enabling wireless access to the camera controls, video, and audio data streams, an antenna enabling transmission and reception of the aforementioned data via the aforementioned wireless networking interface, and a lightweight, battery power supply providing power to the video camera and wireless networking system. The lightweight, battery power supply includes one or more quickly coupled and uncoupled lightweight batteries which can be easily and quickly interchanged to provide continuous power to the security camera. This enables security forces such as police and military forces to safely and continuously monitor and surveil areas including crime scenes and combat theaters.



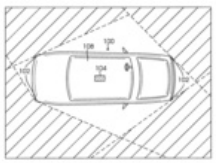
10. Camera control interface US20080084481 2008-04-10 VITEC

The disclosure relates to a camera control interface for a video camera having powered translation/rotation in multiple axes. The control system comprising a monitor for replicating the field of view of the camera, a manually operable controller for inputting translation/rotation commands in multiple axes and a processor for transmitting input commands to the controller to the camera. The processor provides a plurality of different sets of axes in which the camera may be required to move and means for selecting a set axis or axes from said plurality of sets for the camera to move in in response to controller commands.



11. Automotive, cargo, and homeland security camera system WO2009/032002 2009-03-12 ISSA SAAD

The automotive and/or vehicular camera system provides visual sensing devices (102) for data generation and storage of visual information. On a vehicle (100) or cargo container, cameras or other visual sensing devices (102) may be placed strategically in order to provide a wide field of view. Data generated by the cameras may be transmitted by wire (106) or otherwise to a central processing/memory/data capturing system (104). A power supply (122) may supply power to both the processing and memory system (104) as well as cameras (102). An interface (124) may allow data and instruction transfer to and from the data capturing system (104). A variety of protocols can be used to achieve communication between the individual elements of the present invention and monitoring of other signals, events, and statuses may be achieved.



12. Camera control system and associated pan/tilt head US20120263446 2012-10-18 DUMM MARK T

An apparatus for controlling one or more cameras is provided. The apparatus includes: a mounting sled, a tilt drive motor, a tilt drive train, a pan drive motor, and a pan drive train. The mounting sled includes a camera platform between two sled runners. A lower surface of each sled runner is formed by a circular arc. The tilt drive train includes a tilt drive shaft having an axis perpendicular to the camera platform. The pan drive train includes a pan drive shaft extending along the axis of the tilt drive shaft such that it receives the tilt drive shaft and turns independently and concentrically about the tilt drive shaft. The camera platform receives a camera such that the center of gravity of the camera is aligned with the diameter of the circular arc of the sled runners and the vertical axis of the tilt and pan drive shafts.