Description
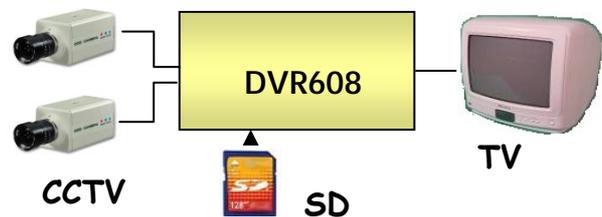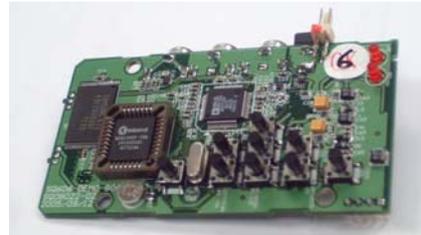
The low cost digital video recorder DVR608 is consist of a highly integrated and cost effective digital processor for home security system. It cannot only support the standard NTSC/PAL video input but also transmit image to JPEG/MJPEG format based on the embedded high efficient JPEG engine. It supports real time video display on TV monitor. Moreover, it is equipped with motion detect function, when there is any moving object detected, the images will be auto recorded and save in built-in flash memory or SD card.

Features

- IR remote control for operation (option)
- Support Video Input 2 CH NTSC/PAL CVBS
- TV Out Standard NTSC / PAL
- Support OSD on TV
- Support external SD card
- PIP (Picture in Picture) function
- Motion Detection
- Snapshot
- Real Time Monitoring
- Video Capture
- Playback View
- Real Time Clock
- JPEG for Photo
- AVI for Video
- Photo Resolution VGA 640x480
- Video Performance QVGA 320x240 5 fps
- Event Trigger Motion Detection (by Area/ range)

Functions

Preview Mode	Menu
Quick Shot	–Photo Delete
OSD Display	•Delete 1
Current Time	•Delete All
SD card (Show/Hide)	–Motion Detect
Motion Detect Status Icon	•Active / Disable (LED indicator)
Playback Mode	–Set Time / Date –Capture format (JPEG/AVI)
OSD Display	–Advance
Capture date time	•Motion Detect advance setting
Total image capture	•Motion Detect area setting
No of image now playing	•image quality setting
Thumbnail	-High Quality
View Photo	-Low Quality
Single View (Next / Previous)	–EXIT
Thumbnail View (Page Up / Down)	

Key Operation

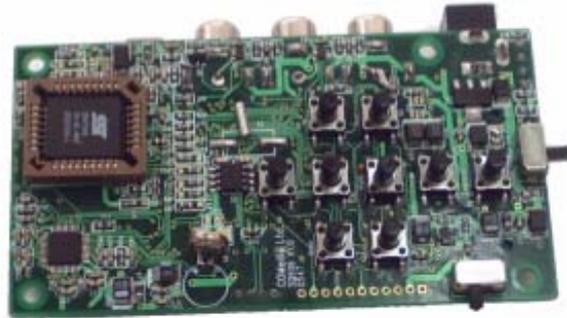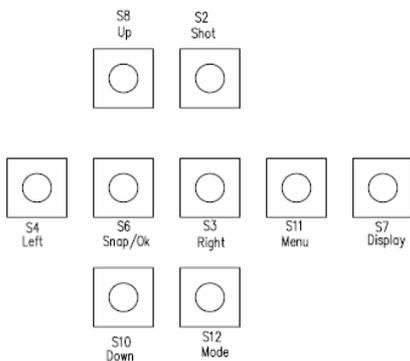| Key	Description
Mode	Change preview or playback
Menu	Setup
Display	Channel select or PIP
Snapshot	Manual snap or video capture
OK	Confirm
LF/RT/UP/DN	Item select and short cut key

Operation Manual

Connectors
Power Jack: DC in 5V, with 5mm plug
TV out: RCA jack to connect TV video in
TV-in 1: RCA jack to connect camera 1
TV-in 2: RCA jack to connect camera 2
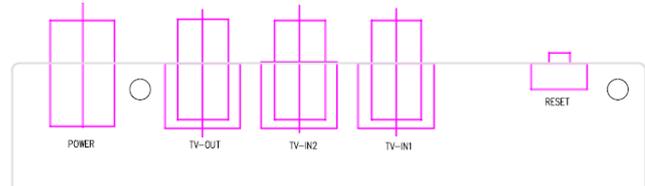
Key Board Layout

Operation
1   Change mode between view and play back
By default, the DVR is in view mode and show channel 1 when power up. One can press MODE to switch view or playback photo screen
2   Change viewing channel and PIP
    2.1   Press DISP to change view from Ch1 to Ch2
    2.2   Press again DISP and view PIP, Ch2 in Ch1
    2.3   Press again DISP and view PIP, Ch1 in Ch2
    2.4   Press again DISP to cycle from viewing Ch1
3   Capture photo
    3.1   by manually: at View mode, press SHOT to snap an image
    3.2   by motion detect: pls refer to the following setup section, once it is in armed mode, the DVR will capture the image when motion detected.
    3.3   Use short cut key UP to arm the system at View mode
4   Playback the photo inside the memory
The capture photos will be stored in different folders for easy searching. The folders are named according to the date sequence. If there is no file in the memory, it will show "NO FILE" and enter view mode
    4.1   press MODE button to enter playback mode
    4.2   press OK to enter thumbnail view, press again OK to normal view
    4.3   use LF/RT button to forward or rewind the image
    4.4   press UP to turn on off the OSD
    4.5   press DISP to show folder name, use UP/DN key to scroll, OK to select
5   Delete files from memory
    5.1   At playback mode, press MENU to enter playback menu, by using LF/RT key, one can select delete current image or all files in the current folder. Press OK to confirm and reconfirm by selecting a tick icon.
    5.2   One can select format to delete all files in all folders

Delete Menu

6   System Setup
      At preview mode, press MENU
      6.1   Set up Date time
              6.1.1 Use LF/RT key to select date or time and
                     UP/DN key to set the correct digit. The
                     setting will then store into system. Press
                     OK to confirm.
      6.2   Set up auto capture – enable or disable
              6.2.1 Press OK to toggle enable or disable
      6.3   Set up the capture format – AVI or Photo
              6.3.1 Press OK to toggle AVI or Photo, press
                     LF/RT key to select next.
      6.4   Advance Setup
              6.4.1 Set up the TV system: Press OK to toggle NTSC or PAL
              6.4.2 Setup the image quality: Press OK to toggle HQ or SQ
              6.4.3 Setup the motion detect sensing area
                      6.4.3.1 Press OK to set up the area
                      6.4.3.2 Use LF/RT key to select full/middle/small area
                      6.4.3.3 Press OK, then LF/RT/UP/DN key to move the sensing area to desired target
                               position
                      6.4.3.4 Press OK to quit sensing area setup.
              6.4.4 Set up motion detect count: press OK to select 1, 3 or 5. this means the no of images
                     will be captured at every trigger.
   6.4.5 Set up motion detect interval: press OK to select 1,3 or 5, the bigger figure the longer
                     interval to active the detection. Setting 1 is about 3 sec between 2 snap shot.
              6.4.6 Set up motion detect sensitivity
                      6.4.6.1 Use UP/DN key to select value from 1 to 99
                      6.4.6.2 The value of data changes in the targeted area is shown, therefore, one can
                               determine what target value is good for his monitoring purpose. In general
                               speaking, bigger value, lower sensitivity.
                      6.4.6.3 Press OK to confirm and quit.

Set Up Screen
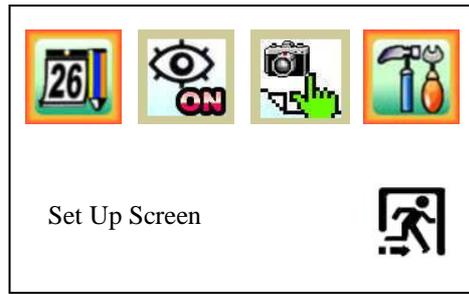
Icon Definition

Set up Menu

	Date Time setup		Advance Set up
	Motion Detect On or Off		Quit Menu
	Select Photo or Video		

Advance Set up

	Select TV System, NTSC or PAL		Select image quality Hi or Low
	Motion detect area setting		Motion Detect count
	Motion detect interval setting		Motion detect sensitivity

Photo Management

	Delete one photo		Format memory, clear all files
	Delete all photos		