

Portable Digital Video Recorder



Product description

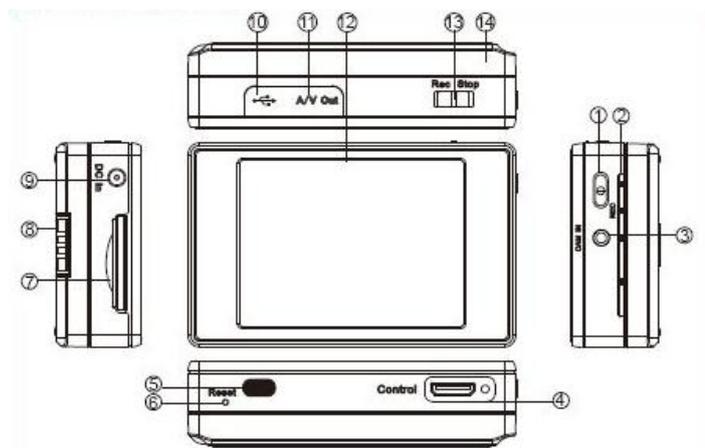
The DK-PV500L product is a portable video recorder miniature pocket-size. It goes well with any analog camera, but it is advisable to match it to the RE-TCN9XH / CH / SH cameras to which is also able to supply the power. Among the main applications:

- Cameras to wear.** It can be easily kept in a pocket and operated as needed. Among the esperssamente cameras developed for this product, there are several models suitable to be worn
- Hidden cameras.** It can be easily also hidden in narrow places and can monitor an environment for a long time if it is connected to the current. It 'also possible to feed it with its battery life of about three hours.
- Shooting sports.** The minimum size and weight make it easy to wear for athletes for live performance
(Cars, motorcycles, skiing, paragliding etc.)
- Roll of media.** Insensitive to vibrations, it can be used on vehicles and vehicles. The TFT screen allows local viewing of images.

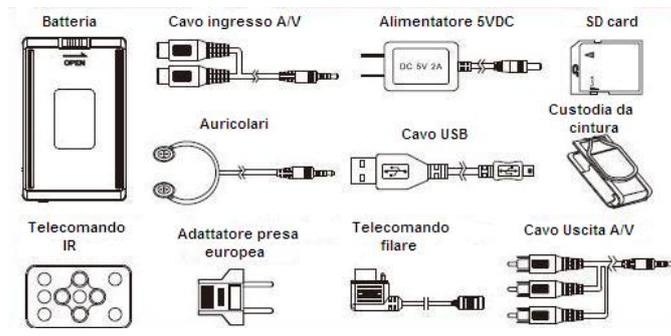
- 9 - 5VDC power supply connector
- 10 - USB2 port for PC connection
- 11 - AV output for connection to TV
- 12 - 13 LCD display
- 14 - Battery

General characteristics

- Compression Divx** allows approximately 90 minutes of video per GB of memory
- Registration of SD card** of any size and brand, without the need for any prior formatting. Insensitivity to vibration and shock
- Management of 1 Audio / Video Input**
 - A / V Input + 5V power supply for the camera RE- TCN9XH / CH / SH
 - A / V input for generic camera
- video Output** for TV or external monitor
- built-in Monitor** TFT 2.4 "
- Programming Menu** screen graphic
- Motion detection** to start recording only if clearly intrusion
- Overwrite** of memory. It allows uninterrupted recording automatically delete the oldest files once exhausted the memory capacity
- Lithium battery** capable of providing power to the video recorder and camera. about 200 minutes autonomy in continuous recording
- High resolution** 720x576 image fullD1
- acquisition capacity.** View and record real-time 25 f / sec
- 5VDC power supply.** 220V adapter supplied
- Door USB** for PC connection. The files simply by browsing with Windows Explorer and reproduce with Windows Media Player or similar player like VLC etc.
- TV remote infrared**
- Saving AVI movie files**
- miniature size** 80x52x22 mm
- Low weight** 91 grams.



- 1 - Power ON / OFF 2 - LED status indicators
- 3 - Connect the audio / video input (camera)
- 4 - Control connector for wired remote control
- 5 - infrared sensor for remote control
- 6 - Reset button
- 7 - SD card slot
- 8 - Battery release button



Package Contents

- Video DK-PV500L
- Lithium battery
- 220VAC / 5VDC Adapter
- SD card 4GB
- Infrared remote control
- wired Remote Control
- USB cable for PC connection
- stereo headphones

- AV cables for connection to TV
- Belkin belt fabric

WARNING - Before use, remove the protective screen LCD and the insulation tab from the remote control battery.

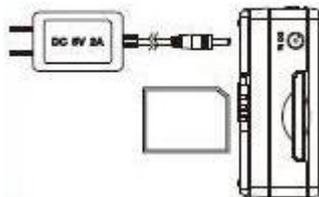
Connections

Insert battery - E 'provided a battery that fits on the back of the rear sliding it along the guides, and then hangs with the OPEN / CLOSE button.



Inserting SD card - The commissioning of the device, the first thing to do is to install the SD card. E 'comes with the product an SD card 4GB which allows about 6 hours of recording. Aside you can also buy memory card with different storage capacity as our DK-MSD32G (32 GB). E ', however, use any SD-card without Brand limits or abilities and also microSD card using the adapter provided.

The SD card is inserted into the side. The insertion position is rendered unique by the shape of the card.



Charger - Before using the machine, you must charge the battery for a few hours. Connect the power supply to the DC input IN and verify that the charging LED below the ignition switch is lit in red color. The LED turns off when fully charged.

Connecting with RE-TCN9XH camera - The digital video recorder DK-PV500L gives his best when used with the RE-TCN9XH camera, specifically designed for this combination. The camera minijack be inserted directly into the socket CAM IN of the VCR. In this way the DVR retrieves the A / V signal of

camera and you It provides contextually power. The RE-TCN9XH camera is also available in masked versions in tie (RE-TCN9CH) and in eyeglasses (RE-TCN9LH)

Connecting to generic analog camera - E 'can connect the VCR to any analog camera via the supplied adapter cable with RCA white / yellow. The mini jack of the adapter cable is to be inserted into the socket LIVE IN VCR. On the other side there are two RCA audio connectors (white) and video (yellow). In this situation, the camera must be supplied separately via a network adapter or battery.

Connecting to other video sources - In addition to CCTV cameras, you can connect other video sources such as DVD players, VCRs and TV to record programs. It uses the same cable with RCA white and yellow. Depending on the connections of the device to be connected you may be required appropriate adapters so as to be inserted in the female RCA cable provided.

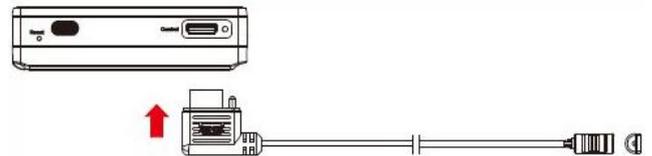
Built-in Monitor - The DVR is equipped with a small LCD monitor where you can see the configuration options, the live images of the cameras and recorded video

Connection to TV, VCR or external monitor - E 'can play the same images that appear on the LCD monitor to an external monitor or TV. You use the supplied adapter cable with RCA white / red / yellow. The miniplug side is inserted into the socket A / V OUT. On the other side there are 3 connectors RCA stereo audio (white / red) and video (yellow) to connect to an external monitor. If you make

the link with a TV equipped with only one scart socket need a SCART RCA adapter (see table) to be purchased separately. The remote control has the LCD / TV button to switch the display



Remote Control - The DK-PV500L VCR is supplied with a wired remote control useful to turn on and turn off the DVR even if kept in your pocket or purse. The remote control is connected to the lower CONTROL connector.



The remote control allows you to turn on the DVR when needed acting for a few seconds on his slider left. The DVR will turn on and if the REC / STOP switch to REC automatically begins recording is required.

To turn off your DVR only to act again on the wired remote control for a few seconds In order to confirm the real state of the DVR, the spinning remote control is placed a micro LED that lights up in green color with the DVR on and red with the DVR is recording.

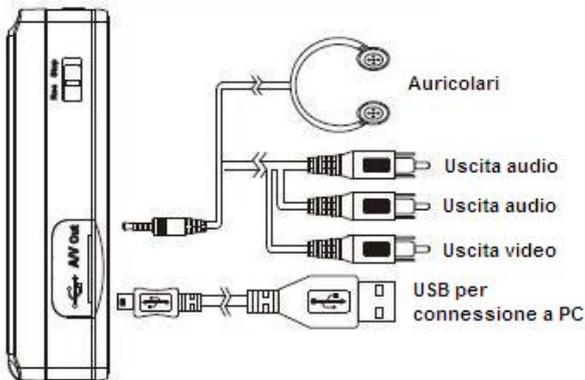
CAUTION. The presence of the wired remote control inhibits switching off with the ON / OFF button on the DVR.

PC Connection - The DK-PV500L can be connected to PC so that movies and images saved on the SD card can be easily transferred to a PC. For connection to a PC using the supplied USB cable and the USB port on the device OUT. As soon as the device is connected to the PC operating system will recognize the device and install the driver in an automatic way. The VCR is seen from the PC as any external memory that can be browsed with EXPLORER.

--- IMPORTANT NOTE ---

Although the files in the SD card video recorder are manageable with EXPLORER same way as Windows files, it is recommended limited to copying files from the SD card to the hard disk and vice versa. Every other operation of renaming and / or deleting files on the SD card with Windows Explorer can lead to equipment failure.

Earphone Connection - DK-PV500L not have speakers. To hear audio headsets are provided to be included in the AV out jack.

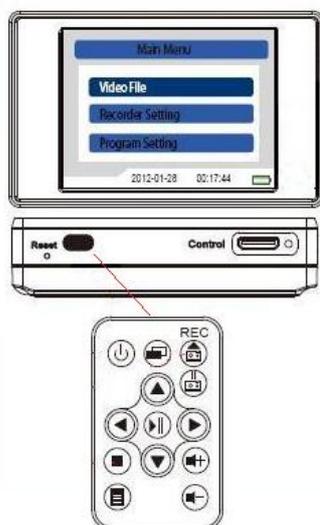


Configuration

To turn on and turn off the DVR hold for a few seconds the power button ON / OFF.

If the recording switch is set to STOP it is automatically shown the DVR configuration menu.

To move between menu options, there are no buttons on the DVR but it operates via the IR remote control by pointing it towards the receiver on the bottom edge of the machine. To move between the menu items, press the arrow buttons up / down and to confirm or enter the section of the desired menu, press the center button on the remote marked key PLAY / PAUSE.



Programming Menu - The main menu screen consists of the following items:

- **VIDEO FILES** • This section contains all the recorded files saved in the SD card and divided into folders named with the date of registration.
- **RECORDER SETTING** • In this section it is possible to choose whether to record continuously (NORMAL) or motion detection (MOTION DETECT). The motion detection allows to record only in the case where the DK-PV500L detects a movement in the lens field of view.
- **PROGRAM SETTING** • In this section you can set the system settings. The following items are available:
 - Language (English only)
 - Time Date display - to set whether or not to display the date and time stamps
 - Time Setting Date - to set the date and time of the system
 - MIC - to activate or deactivate the microphone
 - Storage Info - space information in memory
 - Backlight Out Duration - sets the sleep time of the screen when idle to conserve battery
 - Format SD Card - allows you to format the SD card inserted into the side slot
 - TV Out Setting - sets the video output TV video format (PAL or NTSC) depending on the TV or monitor connected to video, to purchase equipment

set-up button - When choosing a recording mode and press the OK DK-PV500L arises in a condition of PRE REGISTRATION where shows the image from the camera and wait for the command from the remote control or REC button to start recording. In this situation you can press the SETUP button on the remote control to set advanced recording options.

CONTINUOUS - by pressing the SETUP button on the remote you can decide whether or not to overwrite function (OVERWRITE). If we activate this option (ON), the DK-PV500L, once exhausted the memory will continue to save recorded files by deleting the older ones. If you deactivate this option (OFF) DK-PV500L, once the memory exhausted stops recording.

RECORDING MOTION - pressing the remote SETUP button to display the MOTION DETECT menu where we find the following items:

- **TIME** • to set the recording duration of the recorded file in motion detect (1 Min, 3 Min, 5 Min)
- **OVERWRITE** • to enable or disable overwriting of recorded files (as above)
- **MOTION DETECT LEVEL** • to set the level of sensitivity of the movement that starts recording in motion detection (High, Medium, Low)

registration

Video recording continues

Once the configuration settings set you can proceed with registration. The selector located above the DK-PV500L allows

start and stop there

continuous recording manually.

These operations can also be performed by remote control using the REC / PAUSE / STOP button.



REC button - Start recording



PAUSE button - Stop recording momentarily. REC Press again to resume recording.



STOP button - Recording Terminate

Video recording with motion detection (MOTION DETECT)

The DK-PV500L is also able to start recording only in case of motion detection. In this way the VCR does not record continuously, but only when the captured image is changed. Obviously the use of the MOTION DETECT provides that the camera is absolutely still so it is not usable with cameras worn

The recording MOTION DETECT only starts from (RECORDER SETTING) recording menu, select the MOTION DETECT option and press the center button of the remote control PLAY / ENTER



The DVR is brought into a state of waiting for registration and requires you to press the REC button to start recording in MOTION DETECT. The VCR will activate the detection and start to record only when an intrusion is detected. The recording will stop at the end of the time set in the configuration and the VCR will return to stand-by waiting for a new intrusion.

To stop recording, press the STOP button on the remote.

playing files

Movies are recorded on the SD card in AVI format. For playback of Movies from the main menu select from the menu VIDEO FILES.

Recorded files are grouped into folders named with the date referenced recording.

To start playback, highlight the file and press the center button PLAY / ENTER on the remote.

To move to the next or previous file you have to act on the remote control arrows (RIGHT / LEFT).



And 'of course also possible to copy recorded files to PC and play them using common player such as Windows Media Player, VLC etc. taking care to download and pre-install the free CODEC DivX / XviD

Main technical features

video Inputs	1 channel - 1 Vp-p 75 Ohm
video Outputs	1 output 1 Vp-p 75 for TV or external monitor
video Connections	Minijack- RCA connector adapter provided
audio Input	1 2V pp channel 50 Ohms
audio Outputs	1 2V pp output 50 Ohms
audio connections	minijack connector - RCA adapter supplied
removable Memory	SD card or micro SD card - supplied adapter
SD Series card	4GB Micro SD card with adapter
Capacity registration	of About 90 minutes per GB of capacity
video Format	AVI
built-in Monitor	TFT LCD 2.4 "
Battery	Lithium battery
battery Life	Approximately 200 minutes (including mini-camera RE-TCN9XH)
Supply	5VDC (power supply AC / DC included)
Consumption	600 mA
Weight	About 91g (including battery)
dimensions	80 (L) x52 (H) x22 (D) mm

