

4CH DVR

Record video and audio anytime

4 Channel Pocket DVR, a solid state DVR, is one dedicated battery powered DVR designed for portable, mobile DVR applications. It is a go-anywhere mini-standalone Pocket DVR with high resolution, DVD quality video and external CCD/CMOS camera support. 4CH Pocket DVR provides scalable video audio compression to record Full D1 quality on solid state drives. 4 channel video can be recorded simultaneously with PnP, Quad, Split and more combinations. The record time is dependent on the capacity of CF card and could be much longer if motion detection, circular recording are active or lower frame rate is used in surveillance. Generally, there are four level record modes, EP/LP/SP/HQ for record options. Interface to integrate with other system, customized video resolution, bit rate, motion detection, time stamp, Video Lap Timer and LANC are also available.

4CH Pocket DVR is small enough to fit in your hand and offer broadcast quality video. It uses solid state drive, removable Compact Flash Card. There are various CF cards for option now in market. FAT32 standard file system is used in video storage, therefore the video files can be accessed by any PC via card reader or PCMCIA interface.

4CH Pocket DVR comes with Industrial Lion battery for standalone power and replaceable. It will be charged automatically by on board charger while AC power is used. Battery and AC power can be swapped any time without the interrupt of operation of Pocket DVR. Car cigarette power adapter can also be used to power it or charge Lion battery.

4CH Pocket DVR is based on embedded powerful ARM processor with advanced hardware MPEG 4/2 and RTOS (Linux). It digitizes analog video into crisp, real-time MPEG 4/2 video stream at a full frame rate of 30/25 FPS. The compressed video and audio are transferred to CF disk synchronously. As the MPEG-2 file is fully MPEG-2 compliant, it can be used for view, video editing or DVD playback directly. It also offers advanced event handling with video motion detection, alarm notification Beacon and IR remote control. Pocket DVR also features LED, vibration or Buzz for status indication.

4CH Pocket DVR can be used in almost unlimited number of situations, like digital security surveillance, remote monitoring, spy, car racing, helicopter, buses, wildlife filming and extreme sports etc.



Features:

- ◇ Record 4 channel video simultaneously with PnP, Quad, Split and more combinations
- ◇ Battery powered for portable, mobile DVR applications
- ◇ Uninterrupted battery and AC power swap for Pocket DVR
- ◇ Capture Video & Audio in live on spot
- ◇ Support MPEG-4/2 video format for longest record time
- ◇ Video Bit Rate : 1M up to 8Mbps, DVD and broadcast quality
- ◇ Frame Rate : PAL(25fps), NTSC(30fps)
- ◇ Support PAL/NTSC/SECAM video standard
- ◇ Resolution : Full-D1, SIF, CIF
- ◇ Support ADPCM Audio Format
- ◇ Audio Sampling : 8/16/32/48KHz
- ◇ On-board IR remote controller
- ◇ Non-directional wireless control optional
- ◇ LANC control
- ◇ AC adapter or Internal Lion Recharge Battery
- ◇ On-board battery charge circuit
- ◇ Offer power for camera & MIC
- ◇ Record on removable CF Flash Card
- ◇ Multi-Color LED for visible status
- ◇ Micro Vibration Motor status or Buzz warning
- ◇ Time and date stamp and OSD
- ◇ Handheld size
- ◇ Only 280g weight with battery and CF card
- ◇ Video/Audio input
- ◇ Optional video Lap Timer for car/motorcycle racing
- ◇ Linux OS and upgradeable firmware
- ◇ Support Windows 98/ME/NT/2000/XP/Vista for Playback



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Specification

Power :

AC Adapter : 12VDC 1A, 110-240VAC Adapter
 Internal Battery : 1x3.7V Lion rechargeable battery, 2200mAH.
 Camera & MIC : 12V 300mA output, 5-12V optional
 Consumption : ~400mA at 12VDC while recording

Video :

Video Stream : MPEG-4/2, MPEG-1 is optional
 Resolution : Full-D1 - NTSC:720x480
 SIF - 352x240 (NTSC)

Bit Rate : 1M-8Mbps, four level adjustable
 Circular recording

Frame Rate : PAL(25fps), NTSC(30fps)
 GOP : IP, IBP, IBBP
 Standard : PAL/NTSC/SECAM, Composite
 Picture : Brightness/Contrast/Saturation Adj.

Audio :

Sampling : 8/16/32/48KHz, 16bits
 Format : PCM/ADPCM
 Channels : 2
 MIC : 2.2VDC Bias, 5.1Kohm, <0.3Vpp Max.

Interface :

Video In : IRIS/RCA, 1Vpp, 75ohm.
 3.5mm Jack to 4 x RCA, 1Vpp, 75ohm
 S-Video optional

Video Out : 3.5mm Jack to RCA, 1Vpp, 75ohm
 Audio In : IRIS, Mono or MIC
 Stereo, 3.5mm Phone Jack optional
 <1.8Vpp Max., 4.7Kohm

Line Out : 3.5mm Phone Jack to RCA

Power : 4.2mm O.D. x 1.1mm I.D.,
 DC Power Jack

Camera Power : IRIS
 IRIS RCA jump cable with 5.5mm Jack

Video Lap Timer : 2.5mm external beacon receiver optional

LANC Control : 2.5mm LANC

Button : Record, Stop push button

Remote Control : IR onboard or external beacon receiver

Wireless Control : 315/430MHz Wireless optional

Visible : Multi-color LED

Alert : Motor Buzz/Vibration optional

Ethernet : 10/100 Base-T Ethernet, RJ-45 optional

LCD : Status Display, 2 x 8

Motion Detection : Optional

Software :

Firmware : Upgradeable, Linux OS.

Storage :

CF Card : 512MB-32GB expandable

Disk Format: : FAT32

Configuration :

LCD : LCD Menu on board

PC : Via CF card

System requirements (Playback):

- Pentium III 800 or above
- RAM: 128MB
- HDD: 2GB free disk space
- USB 2.0 Interface
- USB 2.0 Flash Card Reader
- PCMCIA Interface
- Monitor resolution: 1024x768
- DirectX 9.0 support
- OS: Windows 98/Me/2000(SP4)/XP(SP2)/Vista

Physical

123x82x26mm (Include battery)

Sand blast black aluminum

Weight

280g (Include battery)

Accessories

Button/Bullet Camera:
 1/3" Sony CCD/420/520TV lines/0.5Lux
 IRIS RCA Jump Cable, AC Power Adapter,
 LANC Remote Control, Video Monitor, 12V DC
 Battery Pack Holder, Cigarette Lighter Adapter,
 High Gain Microphone.

*Accessories is optional and Sold separately.



* All specifications are subject to change without notice.

* Accessory supply may be different for different market.

* Actual object may differ from what you see from our catalog.