



HQR-1 Micro Pocket DVR

Detailed Specification Sheet

Power :

AC Adapter : 12VDC 1A, 110-240VAC Adapter
Internal Battery : 1x Lion polymer rechargeable battery
3500mAH.

Camera & MIC : 12V 250mA output, 5-12V adjustable
Consumption : ~300mA at 12VDC when recording

Video :

Video Stream : MPEG-4/2
Resolution : Full-D1 - PAL:720x576, NTSC:720x480
SIF - 352x240 (NTSC)
CIF - 352x288(PAL)

Bit Rate : 1M-8Mbits/s, six level adjustable
Frame Rate : PAL(25fps), NTSC(30fps)
GOP : IP, IBP, IBBP
Standard : PAL/NTSC/SECAM
Picture : Brightness/Contrast/Saturation Adj.
Circulation Rec. : Single File or Full Disk modes

Audio :

Sampling : 8/16/32/48KHz, 16bits
Format : PCM/ADPCM
Channels : 2, with Automatic Gain Control
MIC : 2.2VDC Bias, 2.2Kohm, <0.7VRMS

Interface :

Video In : RCA, 1Vpp, 75ohm, S-Video optional
Audio In : Stereo, Mono or Stereo MIC
Stereo, 3.5mm Phone Jack <0.7VRMS typical, 20Kohm
Power : 4.2mm O.D. x 1.3mm DC Power Jack
Camera Power : 5.5mm Jack
Video Lap Timer : 2.5mm external beacon receiver optional
LANC Control : 2.5mm LANC Jack
DIO : 2 digital I/O optional
Ethernet : 10/100 Base-T Ethernet
Button : Record, Stop and Up/Down push button
Remote Control : IR onboard
Visible : Multi-color LED
LCD : 1" LCD for settings menu
Motion Detection : Optional

Software :

Firmware : Upgradeable, Linux OS.
Desktop : Synchronize Desktop Utility

Storage :

CF Card : 512MB-32GB expandable
Disk Format : FAT32

Configuration :

LCD : LCD Menu on board
PC : Via CF card or Ethernet

System requirements (Playback):

- Pentium III 800 or better
- 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 and Environment

Size: 87x70x23.5mm (Board: 83x60mm)
Sand blast black aluminum
with Waist Belt Clip
Weight: 220g (Include battery and CF Card)
Temp.: 0°C to 50°C in flow air and shadow

Accessories

Button/Bullet Camera:
1/3" Sony CCD/420/580TV lines/0.1Lux
IRIS RCA Jump Cable, AC Power Adapter,
LANC Remote Control, Video Monitor, 12V
DC Battery Pack Holder, Cigarette Lighter
Adapter, High Gain Microphone etc.

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