

MiniD-400 SINGLE CHANNEL MINI DVR

POCKET-SIZED RECORDING, WHEREVER, WHENEVER

The MiniD400 miniature DVR is a truly revolutionary concept in recording CCTV footage, this single channel 4CIF(D1) DVR can be used in covert, mobile and portable applications.

Over a hundred times smaller than the average CCTV DVR, the MiniD400 uses a standard SD card to record high quality 4CIF (D1) video and audio. The user can then play back the footage via the DVR or on any PC running Windows. A combination of highly efficient H.264 compression and miniature components reduces power consumption and space requirements. Low 12V DC power consumption means that the unit can even be powered by standard batteries, further maximising its flexibility.

The unit has just three connectors and doesn't require any special tools or equipment to install. An IR remote control allows the unit to be configured and controlled from a distance with on-screen text provided on a connected monitor. Once the power has been provided, it will automatically start to record. Motion detection and alarm inputs optimise and extend recording capability.



Please note: colour and branding may vary

Key Features:

Real-time recording

The MiniD-400 can record real-time images and audio in 4CIF, 2CIF or CIF on to a standard SD card maximum capacity of 8GB

Small, compact and lightweight

The miniature size (90x45x17mm) and lightweight construction (50g) makes the DVR ideal for covert recording and extremely versatile

Easy to install

Once the output is connected to a monitor, the simple menu can be navigated using the IR remote control

Motion detection and alarm input

The MiniD-400 is able to start recording as soon as motion is detected in front of the camera or from an external alarm input, massively increasing the duration of recording

Pre-alarm with adjustable time

Especially important when in event recording mode, pre-alarm records video prior to the alarm, allowing operators to see what triggered the alarm

LED indication of alarm/event recording

This simple, visible alert of alarm or event occurrences is especially important for the detection and prevention of staff theft

THE PROFESSIONAL CHOICE

MODELS IN THIS RANGE

MiniD400-1GB Single channel 4CIF Mini DVR 12V DC

TECHNICAL SPECIFICATION

VIDEO

Format PAL/NTSC
Video input 1 channel via (BNC/RCA)
Video output 1 channel via (BNC/RCA)
Input level 1.0Vp-p +/-10% composite, 75 Ohm unbalanced
Display resolution 4CIF 704x576 PAL/ 704x480 NTSC
 2CIF 704x288 PAL/ 704x240 NTSC
 CIF 352x288 PAL/352x240 NTSC
Display frame rate Max 25ips (PAL) 30ips (NTSC)

RECORDING

Recording frame rate Max 25ips (PAL) 30ips (NTSC)
Recording modes Schedule, sensor, motion detection, emergency
Display resolution 4CIF 704x576 PAL/ 704x480 NTSC
 2CIF 704x288 PAL/ 704x240 NTSC
 CIF 352x288 PAL/352x240 NTSC
Recording resolution 352x288 PAL, 352x240 NTSC
Compression format H.264

| | High | Normal | Low |
|------|----------|----------|---------|
| 4CIF | 1500Kbps | 1000Kbps | 500Kbps |
| 2CIF | 1200Kbps | 800Kbps | 400Kbps |
| CIF | 1000Kbps | 600Kbps | 300Kbps |

Alarm timeout 0.0, 0.5, 10, 15, 20, 25, 30 & continuous
Internal storage Via SD memory card

AUDIO

Compression 16bit PCM, 8KHz
Input channel 1CH 9connectable via the video channel)
Input level 6mVp-p @ 600ohm
Live output 1CH

SEARCHING & PLAYBACK

Searching method Time/event

VIEWER SOFTWARE

Monitoring Environment Client S/W Vista MiniD400-Player

ALARM

Alarm input 1 port NO/NC
Alarm output 1 port NO isolated relay output
Alarm connections Removable terminal strip
Motion detection Low/medium/high sensitivities

ELECTRICAL

Power voltage DC3.7-14.5V
Current consumption 150mA
Power supply DC12V 500mA

PHYSICAL

Cables Video/audio input and output cables supplied
Colour Black
Dimensions 90x45x17mm (wxlxh)
Weight 50g

ENVIRONMENTAL

Operating Temperature -20°C to + 70°C
Storage temperature -20°C to + 60°C

CONTROL

Remote Control Supplied

ASSOCIATED PRODUCTS

USBMF USB card reader

RECORDING TIME TABLE

4CIF (704x576/D1) Recoding Time (PAL): SANDISK - SD/SDHC MEMORY

| Memory | Usable Memory | HIGH/4CIF/25fps | NORMAL/4CIF/25fps | LOW/4CIF/25fps |
|--------|---------------|-----------------|-------------------|----------------|
| 512 MB | 480 MB | 33 min | 47min | 1hr 26min |
| 1 GB | 960 MB | 1 hr 9 min | 1hr 40min | 3hr |
| 2 GB | 1.9 GB | 2hr 22min | 3hr 26min | 6hr 10min |
| 4 GB | 3.8 GB | 4hr 49min | 6hr 57min | 12hr 29min |
| 8 GB | 7.4 GB | 9hr 32min | 13hr 46min | 24hr 44min |

2CIF (704x288) Recoding Time (PAL): SANDISK - SD/SDHC MEMORY

| Memory | Usable Memory | HIGH/2CIF/25fps | NORMAL/2CIF/25fps | LOW/2CIF/25fps |
|--------|---------------|-----------------|-------------------|----------------|
| 512 MB | 480 MB | 40 min | 58 min | 1hr 42 min |
| 1 GB | 960 MB | 1hr 25 min | 2hr 1 min | 3hr 34 min |
| 2 GB | 1.9 GB | 2hr 55 min | 4hr 10 min | 7hr 20 min |
| 4 GB | 3.8 GB | 5hr 54 min | 8hr 27 min | 14hr 51 min |
| 8GB | 7.4 GB | 11hr 42 min | 16hr 44 min | 29hr 25 min |

CIF (352x288) Recoding Time (PAL): SANDISK - SD/SDHC MEMORY

| Memory | Usable Memory | HIGH/CIF/25fps | NORMAL/CIF/25fps | LOW CIF/25fps |
|--------|---------------|----------------|------------------|---------------|
| 512 MB | 480 MB | 47 min | 1hr 14 min | 2hr 6 min |
| 1 GB | 960 MB | 1hr 40 min | 2hr 35 min | 4hr 24 min |
| 2 GB | 1.9 GB | 3hr 26 min | 5hr 19 min | 9hr 3 min |
| 4 GB | 3.8 GB | 6hr 57 min | 10hr 46 min | 18hr 20 min |
| 8 GB | 7.4 GB | 13hr 46 min | 21hr 20 min | 36hr 18 min |

FRAME SIZE (ROUGH DATA SIZE)

| Quality | High | Normal | Low |
|---------|----------|----------|---------|
| 4CIF | 1500Kbps | 1000Kbps | 500Kbps |
| 2CIF | 1200Kbps | 800Kbps | 400Kbps |
| CIF | 1000Kbps | 600Kbps | 300Kbps |



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