

Linux based 8-ch digital video recorder



| Items | Description |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| System | |
| OS | Embedded Linux |
| Video Inputs | 4/8 |
| Video Outputs | D type 15 Pins VGA and External TV-Out (Optional) |
| Audio | 1 channel audio input and 1 channel output |
| Video Format | NTSC/PAL |
| Multi-Tasking | Yes |
| Display | |
| User Interface | 800*600, very user friendly |
| Frame rate | Realtime display |
| Resolution | 640*480 |
| HDD Usage Display | Yes |
| Motion to Zoom | Yes |
| Hidden Camera | Yes |
| Video Loss Detection | Yes |
| Image Parameter Adjustment | Brightness/Contrast/Hue/Saturation for each camera |
| Recording | |
| Compression | MPEG-4 like Compression |
| Resolution | 640*480,640*240,320*240 |
| Frame rate | NTSC: 120, PAL: 100@320*240(4CH); NTSC:240, PAL:200@320*240(8 Ch) |
| Pre-Schedule Recording | By 7days x 24hours, set each hour as: recording by motion, continuously recording, non-recording |
| Motion detection area | Define any 8x8 cell for motion detection. Free combinations of detected areas. No limitation on the number of detection areas. |
| Motion detection sensitivity | 10 ranges per camera |
| Pre-Recording | 0~10 sec |
| Post-Recording | 0~20 sec |
| Watermark | Yes |
| Date Code | Recording includes time/date information. To prevent date code from being modified |
| Playback | |
| Playback channels | 4 channels playback at the same time |
| Playback mode | Play, Pause, frame by frame play, fast forward, fast backward |
| Search | By Calendar, and time bar (hour/minute) |
| Video Enhancement | De-interlace, Sharpen |
| Image Adjustment | Brightness/Contrast |

* Specifications subject to change without notice

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| Items | Description |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------|
| Remote | |
| Network Access | LAN/ WAN/ Internet, by Ethernet/ Modem |
| Network Interface | 10/100/1000 Ethernet |
| Remote Monitoring | JPEG mode or MPEG4 streaming. |
| Remote Playback | Yes. with MPEG4 Streaming Technology. |
| Remote Setup | Yes |
| Download and Local Play | Yes |
| Central Management | Yes |
| Remote Backup | by Windows Network Neighborhood |
| DHCP Support | Yes |
| DDNS Support | Yes |
| i-Mode | Yes |
| Alarm | |
| Inputs | 4 NC/NO dry contact inputs |
| Outputs | 4 NC/NO relay |
| IO & Camera Relations | 1-1, 1-many, many-1, many-many |
| Alarm to notice | by Email / FTP / SMS (Short Message requires GSM modem) |
| Storage & Backup | |
| Hard Disk Storage | 2 3.5" internal rack |
| Large HDD Support | With ATA 133 support HDD 40~400GB |
| RAID support | Support IDE/SCSI RAID |
| Backup | USB/ IDE burning device(CD-R/RW, DVD±R/RW) ; USB storage (Pen Drive, HDD) |
| HDD SMART Diagnostics | Yes |
| Other | |
| Password protection | 100 user accounts, each one can see different cameras |
| PTZ camera support | Yes |
| Power Down Management | Yes. Auto-recovery when power back |
| Watchdog | Yes Hardware Watchdog. |
| Time Zone/Daylight Saving | Yes |
| AVI Format Export | Yes |
| Time Sync | Support Time Server, FM and RTC Time Sync |
| UI Language | 8 languages in single software: English, French, German, Japanese, Polish, Portuguese, Spanish, Traditional Chinese |
| Dimension | |
| Power | 100~230V AC, 50/60Hz |
| Case Color | Silver |
| Dimension (DVR) | 405W*350D*89H |
| Weight (net) | 6.5 Kg |

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