

Net Vision

NV1041/1080/1160 Digital Recorder



Digital
Management
Solutions



Features

Convenience

- User-Friendly GUI with text based interface
- Easy-to-use menu composition
- Easy-to-use recorded data search (date, time, motion, alarm)

Stability

- Auto restart after power interruption
- DB structure offers stabilization and best storage utilization

Expandability

- Control multiple NV series recorders from client program
- Remote access via internet (Menu control, Monitoring, Playback)
- Pan/Tilt/Zoom control

Technology

- Embedded LINUX OS
- Maximum recording rate: 120fps
- High resolution & high quality MPEG-4 algorithm
- Water marking & scrambling technologies to secure recorded data
- MPEG-4: 1~2 kilobytes per image with resolution 360x240

Functionality

- Various recording functions (Normal, Alarm, Motion, Schedule)
- Full channel real-time monitoring
- Live monitoring, recording, playback, backup
- Multi channel playback
- IR remote control
- Various event notifications to email, buzzer or PC client



Net Vision

NV1041/1080/1160 Digital Recorder



Digital Management Solutions



Specifications

| | | NV1041 | NV1080 | NV1160 |
|-----------------------|---------------------------------|---|-----------------------------------|---------------|
| Video | Camera Input (NTSC/PAL) | 4 | 8 | 16 |
| | Output | 1 BNC, 1S-Video, 1 VGA | | |
| Audio | Audio Input | 1 x RCA | 4 x RCA | |
| | Output | 1 x RCA | | |
| Sensor in / Alarm Out | | 4/1 | | |
| Operating System | | Embedded Linux | | |
| Display | Speed | 120 fps | 240 fps | 480 fps |
| | Resolution (NTSC/PAL) | 720x480 / 720x576 | | |
| | Split Screen | 1,4 | 1,4,8 Seq. | 1,4,8,16 Seq. |
| Recording | Compression | MPEG-4 | | |
| | Resolution (NTSC/PAL) | 720x240, 360x240 / 720x288, 360x288 | | |
| | Picture Quality | 3 steps (High, Middle, Low) | | |
| | Mode | Normal, Motion, Alarm, Schedule | | |
| | Priority | Alarm > Motion > Schedule > Normal | | |
| | Speed (NTSC/PAL) | Total | 120 fps, 60 fps / 100 fps, 50 fps | |
| Each(NTSC) | | | 30 fps (360x240) | 15 fps |
| (PAL) | | 15 fps (720x240) | 7.5 | 3.75 |
| | | 25 fps (360x288) | 12.5 | 6.25 |
| | 25 fps (720x288) | 6.25 | 3.125 | |
| Playback | Display | 1,4 Split | 1,4,8 | 1,4,8,16 |
| | Search | Date, time, calendar, event | | |
| | Speed | Normal, REW & FF, frame advance, pause | | |
| Network | Device | Internal HDD | | |
| | Still Image Capture | JPEG compression or AVI format | | |
| | Network Interface | Ethernet | | |
| | Protocol | TCP/IP, SMTP, HTTP, DHCP, PPPOE (ASDL) | | |
| | Serial Communication | RS-485 1EA | RS-232 1EA, RS-485 1EA | |
| | Application | Windows 2000/XP (PC Client) | | |
| Backup | Web Browser | Internet Explorer 5.0+ (DVR control or view) | | |
| | Event Transport | Email notification when event occurs | | |
| Control | Interface | USB 2.0 | | |
| | Backup Device | Internal DVDRW / Ext. HDD, CD/DVDRW, Network, Flash | | |
| | Motion Detection | Each control / channel | | |
| Others | | Sensitivity: 3 steps for each channel | | |
| | | Area: programmable motion detection / channel | | |
| | Alarm Hold Time | 5~240 sec. | | |
| | Event Log | Store up to 256 events | | |
| | Remote Controller | IR Remote Control | | |
| | Pan/Tilt Control | Control from RS0485 Interface | | |
| | HDD | Supports 2 HDD (external storage via USB2.0) | | |
| | Power Source | 100~240V AC, 50~60Hz | | |
| | Power Consumption | 30W | 70W | |
| | Operating Temperature | 5~40 (41~104F) | | |
| | Relative Humidity | Maximum 80% | | |
| Weight | 6.0kg, 7.0kg (shipped) | | | |
| Dimensions | 450mm(W) x 460mm(D) x 190mm (H) | | | |



DMS
Digital Management Solutions

1200 Woodruff Road G18
Greenville, SC. 29607

www.dmsusa.net
info@dmsusa.net

P: 1.800.380.9365
F: 1.864.751.2802