



**Creativity Progress & Excellence**

Network Product





# NVR116D / 116

Network Products

H.246 1080P NVR

1080P Real-time Multi-touch  
16 Channel Standalone NVR



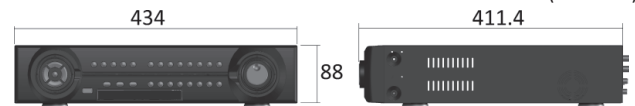
## Features

- Multi-touch screen supported
- 1080P 16 channel real-time NVR up to 48 Mbps throughput
- Full HD 1920×1080 HDMI output
- Support 8 SATA HDDs, 1 eSATA, and 2 USB2.0
- 3G mobile phone (iPhone, iPad, Black Berry and Android) solutions provided.
- Slim DVD R/W support (Optional).
- Free CMX Software HD 3.6 supported.



Dimensions 434mm \* 411.4mm \* 88mm

(Unit:mm)



| NVR                                                   |                                                                                |                                                                                                             |
|-------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1080P Real-time Multi-touch 16 Channel Standalone NVR |                                                                                |                                                                                                             |
| Model                                                 | NVR116D / 116                                                                  |                                                                                                             |
|                                                       | D: Internal SATA HDD * 8 with built-in Slim DVD/RW<br>-: Internal SATA HDD * 8 |                                                                                                             |
| IP Video Supports                                     | Network camera, network speed dome and video server                            |                                                                                                             |
| IP Video Input                                        | Up to 16 Channel 1080P at 25FPS under 48 Mbps                                  |                                                                                                             |
| Built-in DVD/CD                                       | Yes, Slim DVD/RW                                                               |                                                                                                             |
| HDD Disk supported                                    | SATA Port * 8                                                                  |                                                                                                             |
| External RAID Supported                               | e-SATA Port * 1                                                                |                                                                                                             |
| Recording                                             | Recording mode                                                                 | External alarm / motion detection / schedule / manual                                                       |
|                                                       | Resolution                                                                     | 1080p / 720p / D1 / VGA                                                                                     |
|                                                       | Recording Video                                                                | 1080p / 720p / D1 / VGA                                                                                     |
|                                                       | Schedule                                                                       | 7 day * 24 hrs time table, recording mode configurable                                                      |
| Backup                                                | Backup                                                                         | USB 2.0 flash disk / HTTP file download / Audio supported                                                   |
|                                                       | DVD/RW                                                                         | Slim DVD/RW or External USB DVD/RW                                                                          |
| Playback                                              | Resolution                                                                     | 1080p / 720p / D1 / VGA                                                                                     |
|                                                       | Playback Video                                                                 | 1080p / 720p / D1 / VGA                                                                                     |
|                                                       | Speed                                                                          | FR: 2x, 4x, 8x, 16x, 32x, 64x / FF: 2x, 4x, 8x, 16x, 32x, 64x                                               |
| Video Output                                          | HDMI output                                                                    | 1920 * 1080p                                                                                                |
|                                                       | VGA output                                                                     | 1920 * 1080p                                                                                                |
| Multiplexer                                           | Backlight saving                                                               | LCD backlight saving mode                                                                                   |
|                                                       | Multiplexer                                                                    | Sequence / Freeze                                                                                           |
|                                                       | Split screen                                                                   | 1, 16                                                                                                       |
| Management                                            | Reports                                                                        | Full alarm, configuration, and operation reports exporting over HTTP or USB                                 |
|                                                       | Authentication                                                                 | User authentication with feature configurable                                                               |
|                                                       | Recording day                                                                  | Dynamic recording day calculation                                                                           |
| Alarm/event                                           | Alarm/event                                                                    | DI * 8 and DO * 2 (NO/NC)                                                                                   |
|                                                       | Motion                                                                         | Motion grid 20*12 each channel, 8 sensitivities                                                             |
|                                                       | Event                                                                          | External alarm, video loss, stop recording, power recovering, motion detection, schedule, logon, HDD format |
|                                                       | Email                                                                          | Alarm notification with JPEG attachments                                                                    |

| NVR           |                |                                                                  |
|---------------|----------------|------------------------------------------------------------------|
| Accessories   | P/T/Z protocol | LILIN MLP2 and Pelco RS-485                                      |
|               | Keyboards      | PIH-931D keyboard                                                |
|               | IR receiver    | Extra IR extension connector                                     |
|               | RS-485/RS-232  | RS-485 keyboard connector * 2, 12V output, RS-485 PTZ output * 1 |
|               | Jog & Shuttle  | FF, FR, Step, instant rewind, menu setup                         |
|               | Mouse          | USB, right-mouse-click, mouse wheel.                             |
|               | Audio          | Yes                                                              |
|               | Audio out      | RCA, 1 output                                                    |
| Network Ports | Remote control | Yes                                                              |
|               | Network Ports  | Gigabit LAN, RJ45 * 1                                            |
|               | Network        | Direct Internet browser access / multiple users access           |
|               | Protocols      | ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DNS                     |
|               | Web            | Live / event log / AVI                                           |
|               | NVR status     | HTML NVR status                                                  |
|               | IPScan         | IPScan supported, easy-to-setup for IP address                   |
|               | Software       |                                                                  |
| Software      | BackupManager  | Multiple NVRs FTP file download and multi-channel playback       |
|               | Mobile phone   | iPhone, iPad, Android, and Black Berry mobile phone supported    |
| Others        | WDT            | Hardware watchdog timer                                          |
|               | DST            | Daylight saving time                                             |
|               | Multilanguage  | English, Chinese                                                 |
|               | CPU/OS         | ARM Cortex A9 Processor @ 600 MHz, Linux 2.6 kernel              |
| Power         | Power          | DC 12V, 10A, / 120W                                              |
|               | Working Env.   | Temp: 0°C ~ +50°C / Humidity: 0%~80%                             |
|               | Dimension      | 434mm * 411.4mm * 88mm                                           |
|               | Weight         | 5Kg (w/o HDD)                                                    |