

NDVR8 Series

SecurityMan®

8 Outdoor/Indoor Night Vision Color Cameras with Mobile and Web Accessible Network Digital Video Recorder

The **NDVR8 Series** are 8-camera network digital video recorder systems designed for home and business. The cameras (SM-218) can be installed outdoor/indoor for day time or night time recording. The **NDVR8** uses H.264 video compression producing clear digital video recording and smoother/faster video streaming over the Internet. It is equipped with auto ID plug & play software making setup easy without network knowledge or configuration. The system models come with a 320GB, 500GB, or 1TB of recordable space. It can record up to 22 days under normal quality with 1TB. You can monitor your home/business remotely anytime via Smartphone and PC.



Features:

- Easy to setup and use 8-ch pentaplex NDVR (simultaneous live/record/playback/backup/network access)
- Supports Smartphone surveillance and alarm emails
- Auto ID Plug & Play (no router or DNS configuration required)
- Record speeds up to 240 total frames per second (up to 30fps per channel)
- Remote monitoring over the Internet
- Eight 600TV Lines outdoor/indoor color CMOS cameras with night vision (B/W) up to 80ft
- One internal SATA hard drive (i.e. 320GB/500GB/1TB records about 7 days/ 10 days/ 22 days at 240fps normal quality)
- Three selectable recording modes: Manual, Schedule, and Motion Detection.
- User friendly access control by remote or mouse
- USB ports for quick and easy backup to a portable flash drive
- Power recovery auto record function
- Video loss alarm function
- Alarm I/O and RS485 terminals for input/output devices and supported protocols camera
- Supports audio input and audio output recording and playback

Package Contents:

- 1 x NDVR8 with hard drive (including power adapter, remote control, mouse, and software/manual CD)
- 8 x SM-218 weatherproof color cameras (including manual, 8 brackets and 8 power adapters)
- 8 x 60ft VP (video/power) cables
- 1 x Quick start guide

Available Models:

- NDVR8-320K (with 320GB SATA HDD)
- NDVR8-500K (with 500GB SATA HDD)
- NDVR8-1TBK (with 1TB SATA HDD)





Specifications of NDVR8:

| | | |
|---------------------------|---------------------------------------|---|
| Item | | 8CH NDVR8-320/500/1TB |
| Operating System | | Embedded Linux |
| Video | Compression | H.264 |
| | Total recording speed | 240fps (30fps/ch, NTSC) CIF, 60fps (7.5fps/ch) D1 200fps (25fps/ch, PAL) CIF, 50fps (6.25fps/ch) D1 |
| | Record and playback Resolution | NTSC: CIF(352x240) / D1(720x480) PAL: CIF(352x288) / D1(720x576) |
| | Live display resolution | NTSC: D1(720x480) / PAL: D1(720x576) |
| | Video input | 8ch BNC |
| | Video output | 1ch BNC, 1ch VGA |
| | Video standard | NTSC/PAL adjustable |
| Record | Recording mode | Manual, schedule or motion detection recording |
| | Playback | Search by time, events, channels, or files |
| Storage and Backup | HDD | 320GB, 500GB, or 1TB (supports up to 2TB max) |
| | Backup | USB backup device, Local HDD backup, Remote access |
| Network | NIC | RJ45 10/100/1000Mbps |
| | Protocol | TCP-IP/DHCP/DDNS/PPPoE |
| | Internet viewing | Client software, IE, Mozilla Firefox, and Google Chrome |
| | Mobile surveillance | iPhone, Win Mobile, WinCE, Symbian, Android, and BlackBerry |
| Interface | USB | 2X USB 2.0 for USB mouse and other USB backup device |
| | Audio input | 4 RCA inputs |
| | Audio output | 1 RCA output |
| | Alarm I/O | 4 Alarm inputs & 1 Alarm output |
| | PTZ | RS485 |
| Control | Remote | Yes (2xAA 1.5v batteries included) |
| | Mouse | Yes (USB mouse included) |
| | Panel | Yes |
| | Network | Yes |
| Others | Power | AC 100-240V 50-60Hz 1.0A/ DC 12V 2.0A |
| | Dimensions(LxWxH) | 12.4" x 8.8" x 2.1" |
| | Working condition | Humidity 20%-95%, temperature -10-50°C (14-122°F) |
| | Weight (net/gross) | 10.1lbs (w/ HDD)/13.1lbs |

Specifications of Camera (SM-218):

| | | | |
|------------------------------|---|----------------------------------|------------------------------------|
| Image Sensor | 1/3" Color CMOS | Shutter Speed | 1/50(1/60)--1/100,000(sec) |
| Effective Pixels | NTSC: 512 (H) x 492 (V) | White Balance | Auto Tracking White Balance |
| Signal System | PAL/NTSC | S/N Ratio | More than 48db(AGC OFF) |
| Horizontal Resolution | 600TV Lines | IR Distance | Up to 80ft (Night vision B/W) |
| Lens/Viewing Angle | 6mm / 60 degree | Power Requirement | DC12V/500mA |
| Weatherproof | IP66 and anti-fog camera glass/ metal case | Power Consumption | 3.5W |
| Minimum illumination | Standard 0.2Lux; with LEDs 0Lux | Dimensions (LxWxH) | 3.3"x2.2"x2.3" (camera body) |
| | | Camera Weight (net/gross) | 0.8lbs (without bracket) / 2.4 lbs |