

## V2.1 new features

V2.1-20080620 has the following new features compared with V 2.0-20071011

1. Add the menu of right click the mouse, including enter into main menu , PTZ control, playback , manual record menu, show/hide status bar, switch preview screen etc, the corresponding function about the menu of right click in the different menu, and the mouse function when do playback, PTZ control etc.

2. Advanced network function, including NTP, DDNS and Email.

(1) NTP: you can select time zone, time interval, and time server, and the DVR will check time with the time server automatically.

(2) DDNS: support 3 protocols until now, including DynDns, Peanut shell and Ip server. Ip server could be compatible with the old ip server version . you can setup it in the old client software.

The parameters of each protocol:

DynDns:1.Server address: ISP server address, such as members.dyndns.org

2. Domain name: the name you have applied from the server.

3.User name & password: the account which you register in the server of DynDns.

Peanut shell : the user name and password which you registered

IpServer : server ip address

(3) EMAIL: Support motion detection alarm, tampering alarm, external alarm and exceptional events to trigger jpeg snapshot, supports email function with attached files. Max. support two email addresses could be reached simultaneously. One email could include 3 jpeg pictures or 2 pictures for QCIF. The email parameters could be configured from local email interface or client software as like optional function with attached files delivery, interval of jpeg snapshot , email address etc.

(4) Email parameters configuration:

Sender : show who send email if necessary

Email address: the email address of the sender, such as support @hikvision.com

User name : the user name of this email box. Such as support  
password: password for logon

receiver :show who receive the email if necessary

receiver address: email address of the receiver

3. Upgrade with CD: Supports CD upgrade besides ftp and USB upgrade in

v2.0

4. Backup with player :support write the player into CD disk when backup the record file.
5. Support SADP: support setup ip address, ip mask address, ip port, and reset default password by sadp software
6. Enhance network capacity: up to 24Mbps bandwidth from 16Mbps, network capacity is increased by 50%
7. Support events compression parameter:v2.1 introduces the function ,while events were triggered(such as motion detection alarm, tampering alarm and external alarm), the record parameters could be switched to events parameters, and it could be switched back to original one after events stop. The two kinds of parameters could be different on frame type, frame rate, bitrate, bitrate type, image quality.
8. New IE active control: Better safety and usage , supports digital signature, the latest IE active control could support new parameters (DDNS,NTP,EMAIL etc.), in the mean time it's compatible with older DVR firmware
9. Upgrade DSP encoding & decoding database, enhanced the DSP performance.
10. Support all series of 7000&8000 DVR
11. Support more PTZ protocol, including HIKVISION, DaLi, ENKEL, YT\_PELCOD,PE60,LiAo,NK16,HN\_4304,VIDEOTEC,HNDCB,Lion\_2007, LG\_LVC\_C372,Gold\_Video,NVD1600PS,TC615P,NANWANG,NANWANG\_1602,SIEMENS,WVCS850,PHILIPS\_2,PHILIPS\_3,AD,TYCO\_AD,VICON, TKC676,YAAN\_NEW,DL\_NVS\_1Z,i3DVR etc.
12. Support zoom function in the playback mode.
13. Support new recording parameters
  - (1) DS-7004HI-S,  
QCIF:25/30, CIF:25/30, 2CIF:15, DCIF:8, 4CIF:8
  - (2) DS-7008HI-S,D-7016HI-S  
QCIF:25/30, CIF:25/30, 2CIF:8
  - (3) DS-8000HCI,DS-8000HDI-S,DS-8000HDI-SL:  
QCIF: 25/30, CIF:25/30, 2CIF:25, DCIF:15, 4CIF:12
  - (4) DS-8000HCI-S,DS-8000HCI-SL  
QCIF:25/30, CIF:25/30, 2CIF:12, DCIF:8, 4CIF:6
  - (6) DS-8000HFI,DS-8000HFI-S:  
QCIF:25/30, CIF:25/30, 2CIF:25/30, DCIF:25/30, 4CIF:25/30