8 Channel High Performance
2 Mega-Pixel PoE Network Video Recorder

OVERVIEW

◆ 8 cameras with 1080p realtime preview
◆ Full channel @ 30fps 2MP realtime recording
◆ Display 1920x1080, 1280x1024, 1280x720, 1024x768 HDMI / VGA video outputs
◆ Recording Format: H.264 / Mpeg-4
◆ Recording Resolution: 5MP(2560x1920) / 3MP(2048x1536) / 1080P(1920x1080) / 720P(1280x720) / D1 (704x576/704x480)
◆ Support 2 SATA HDDs up to 8TB, 3 USB2.0
◆ Easy Install Plug and Play with easy IP camera auto detect setup
◆ Dual-core embedded linux processor
◆ H.264 / G.711 dual-stream video compression
◆ 8 Port POE - Power over ethernet
◆ 1 RCA two-way talk In/output
◆ 4 rectangle privacy mask zones per camera
◆ 3D intelligent positioning with our PTZ dome camera
◆ Dual-stream video compression (Great for Mobile View)
◆ Time Date Stamp
◆ Adjustable Bit rate 48~8192Kb/s
◆ Recording Modes: Manual, Schedule (Continuous, Motion Detection, Alarm), Stop
◆ Digital Watermark video required by courts for video to be allowed as evidence
◆ OnVif Version 2.0 Conformance, compatible with other cameras
◆ Includes: 2,000GB, Mouse and Hand remote control

COMPLETE SECURITY IN A SINGLE BOX

Our high performance Phoenix-HP recorders come with the latest features and technology. They offer a simple one cable plug and play with easy hookup solution. The unit auto detects the cameras so setup is a snap. The one cable direct to camera solution provides video and power over one cable. The Phoenix-HP creates a dual-network environment isolating current internet connection, which eliminates network overload, slowdown and crashing. Our IP recorders utilize the most advanced mobile smart phone applications, allowing viewing, playback, audio and camera control. The best USA tech support by professional trained representatives. If you buy our high performance NVR it is perfectly matched with our two meagapixel high definition camera.
KEY FEATURES

PHOENIX-08HP NVR FEATURES:
- 8 cameras with 1080p realtime preview
- Multiple Resolutions: 5MP / 3MP / D1/4CIF / HD1 / 2CIF / CIF / QCIF
- H.264 Dual-stream video compression (great for mobile view)
- 5 functions: live, recording, playback, backup & remote access
- Digital watermark video, required by courts for video to be allowed as evidence
- Adjustable bit rate 48~8192Kb/s
- Recording modes: manual, schedule (continuous, motion detection, alarm), stop
- Embedded linux, for stable, reliable operation & no viruses
- Image quality six levels setting in either vbr (variable bit rate) or cbr (constant bit rate)
- Home automation integration with RTI, Universal & Control 4

DISPLAY:
- 1/4/8 screen split views to choose
- Privacy masking 4 self-defined, four-sided zones for privacy masking for each camera
- HDMI Video Output for Larger Screens

FREE DNS SERVER:
- Server hosted in the USA and supported by ClearView no need to go to a third party hosting

CLOUD:
- Remote backup to the cloud for off site backup in case of theft advanced cloud player at no additional cost

EMAIL NOTIFICATION:
- Email notification for motion events and alarms

INTERFACE:
- 3D intelligent positioning with ptz dome camera
- 2 USB Ports, 1 RS232 Port, 1 RS485 PTZ Control Port
- 8 respective models alarm inputs
- 3 channel relay outputs (not powered)
- Multiple network monitoring: web viewer, CMS(DSS/PSS) & DMSS

NETWORK:
- Ethernet: RJ-45 port (10/100M/1000M)
- Network functions: tcp/ip, udp, dhcp, dns, ip filter, pppoe, ddns, ftp, email, alarm server
- Remote operations: monitor, ptz control, playback, system setting, file download, log info
- Bandwidth control ensures your network won’t crash or slow down with up to 20 multiple users

AUDIO:
- 1 RCA Output, 1 RCA input two-way audio between DVR / camera

BACKUP:
- Back up with mountable options usb, ftp or external hard drive

PLAYBACK:
- All channel synchronous realtime playback, grid interface & smart search
- 4 rectangle privacy mask zones per cam
- On screen display of camera title, time, video loss, camera lock, motion detection, recording
- Smart search to look for missing items without searching entire video record
# SPECIFICATIONS

## NVR SPECS:

### SYSTEM
- **Main Processor**: Dual-core embedded processor
- **Operating System**: Embedded LINUX
- **IP Camera Input**: 8 Channel
- **Two-way Talk**: 1 Channel Input, 1 Channel Output, BNC

### VIDEO & AUDIO
- **Interface**: 1 HDMI, 1 VGA, 1 TV
- **Resolution**: 1920×1080, 1280×1024, 1280×720, 1024×768
- **Display Split**: 1 / 4 / 8
- **OSD**: Camera title, Time, Video loss, Camera lock, Motion detection, Recording

### RECORDING
- **Compression**: H.264 / MPEG4
- **Resolution**: 5MP(2560×1920) / 3MP(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×576 / 704×480)
- **Record Rate**: Max 128Mbps (eg. 16ch 5MP@8Mbps, 32ch 1080P@4Mbps & etc.)
- **Bit Rate**: 48 ~ 8192kbps
- **Record Mode**: Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
- **Record Interval**: 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

### VIDEO DETECTION & ALARM
- **Trigger Events**: Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips
- **Video Detection**: Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
- **Alarm Input**: 8 Channel
- **Relay Output**: 3 Channel

### PLAYBACK & BACKUP
- **Sync Playback**: 1 / 4 / 8
- **Search Mode**: Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
- **Playback Functions**: Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
- **Backup Mode**: USB Device / eSATA Device / Network

### NETWORK
- **Ethernet**: 1 RJ-45 port (10/100M/1000Mbps)
- **PoE**: 8 ports (IEEE802.3af)
- **Network Functions**: HTTP, TCP/IP, IPv4/IPv6, UPnP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVR etc)
- **Max. User Access**: 20 users
- **Smart Phone**: iPhone, iPad, Android, Windows Phone

### STORAGE
- **Internal HDD**: 2 SATA ports, up to 8TB

### AUXILIARY INTERFACE
- **USB Interface**: 2 ports (1 Rear), USB2.0
- **RS232**: 1 port, For PC communication & Keyboard
- **RS485**: 1 port, For PTZ control

### GENERAL
- **Power Supply**: NVR: DC12V
- **PoE Switch**: DC48V
- **Power Consumption**: NVR: 20W(without HDD)
- **PoE Port**: Max 15 (each)
- **Working Enviro**: -10~45°C / 10~90%RH / 86~106kpa
- **Dimension**: 1U, 375mm x 285mm x 50mm (WxDxH)
- **Weight**: 2.3Kg (without HDD)