16 Channel Full D1 1U Standalone DVR with HDMI

OVERVIEW
- Full 16 ch @ DVD Quality (30fps) D1(4CIF) in H.264
- 16 cameras with True High Definition realtime preview
- Free DNS Server works with all internet providers
- Backs up to the “Cloud” for offsite video storage
- Support 2 SATA HDDs up to 4TB, 2 USB2.0
- 16 RCA Audio Inputs
- Two-way Talk (1 RCA Output, 1 BNC Input)
- Includes: 1,000GB on 16Ch, Mouse and Hand remote control

All of the great features of a HAWK, with increased CPU power. Live DVD recording and we have added a spot monitor, Increased storage capacity with an extra SATA slot for support up to 4 terabytes.
KEY FEATURES

EAGLE DVR FEATURES:
- Resolution D1/4CIF / HD1 / 2CIF / CIF / QCIF
- Dual-stream video compression (Great for Mobile View)
- Time Date Stamp
- Adjustable Bit rate 48-4096Kb/s
- Recording Modes: Manual, Schedule
- (Continuous, Motion Detection, Alarm), Stop
- 16 BNC Inputs 525TVL, 60fps
- Digital Watermark video required by courts for video to be allowed as evidence
- Embedded Linux > For stable, reliable operation & no Viruses. Image Quality six levels setting in either VBR (Variable Bit Rate) or CBR (Constant Bit Rate)
- 5 functions: live, recording, playback, backup & remote access

EMAIL NOTIFICATION:
- Email Notification is triggered for motion events and alarms

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

CLOUD:
- Can remote backup to the cloud for off site backup in case of theft Advanced Cloud player at no additional cost.

BACK UP:
- Back up with mutable options USB, FTP or external hard drive

DISPLAY:
- 1920x1080, 1280x1024, 1280x720, 1024x768 Resolution
- 1/4/8/9/16 screen split views to choose from
- Privacy masking 4 self-defined four-sided zones for privacy masking for each camera

AUDIO:
- 16 BNC (200-2800mV, 30Ku Two-way Talk (1 RCA Output, 1 BNC Input)
- Two way audio between DVR and remote view station

PLAYBACK:
- All channel synchronous realtime playback, GRID interface & smart search
- 4 rectangle privacy mask zones per camera
- On Screen Display of Camera Title, Time, Video Loss, Camera Lock, Motion Detection, Recording
- Smart Search> Look for missing items without searching entire video record

NETWORK:
- Ethernet: RJ-45 port (10/100M/1000M)
- Network Functions: TCP/IP, UDP, DHCP, DNS, IP Filter, PPPPOE, DDNS, FTP, Email, Alarm Server
- Remote Operations: Monitor, PTZ control, Playback, System setting, File download, Log information
- Bandwidth control> insures your network wont crash or run slow

INTERFACE:
- 3D intelligent positioning with our PTZ dome camera
- 2 USB Ports, 1 RS232 Port, 1 RS485 PTZ Control Port
- 16 Alarm Inputs
- 3 Channel Relay Outputs (not Powered)
- Multiple network monitoring: Web viewer, CMS & Smart Phone App
**SPECIFICATIONS**

**DVR SPECS:**

**SYSTEM**
- Main Processor: Dual-core embedded processor
- Operating System: Embedded LINUX

**VIDEO**
- Input: 16 channel, BNC
- Standard: NTSC(525Line, 60f/s), PAL(625Line, 50f/s)

**AUDIO**
- Input: 16 channel, RCA
- Output: 1 channel, RCA
- Two-way Talk: 1 channel Input, 1 channel Output, BNC

**DISPLAY**
- Interface: 1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC
- Resolution: 1920x1080, 1280x1024, 1280x720, 1024x768
- Display Split: 1 / 4 / 8 / 16
- Privacy Masking: 4 rectangular zones (each camera)
- OSD: Camera title, Time, Video loss, Camera lock, Motion detection, Recording

**RECORDING**
- Compression: H.264 / G.711
- Image Resolution: D1/4CIF(704x576 / 704x480) / HD1(352x576 / 352x480) / 2CIF(704x288 / 704x240) / CIF(352x288 / 352x240) / QCIF(176x144 / 176x120)
- Main Stream: D1/HD1/2CIF/CIF(1~25/30fps)
- Extra Stream: CIF/QCIF(1~25/30fps)
- Bit Rate: 48~4096kb/s
- 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, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
- Video Detection: Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank
- Alarm Input: 8 channel
- Relay Output: 3 channel

**PLAYBACK & BACKUP**
- Sync Playback: 1 / 4 / 9
- 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 / Network

**NETWORK**
- Ethernet: RJ-45 port (10/100M/1000M)
- Network Functions: HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server
- 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

**ENVIRONMENTAL**
- Power Supply: DC12V/3.3A
- Power Consumption: 15W(without HDD)
- Working Environment: -10C ~ +55C / 10~90%RH / 86~106kpa
- Dimension(WxDxH): 1U, 375mm x 285mm x 45mm
- Weight: 2.35KG(without HDD)