

# 960H Hybrid H.264 4 Channels Full Features DVR

DVR

Camera

IP

Accessories



## Main Features:

- \* Optional **960H/720/1080P/720P** switch
- \* Build-in HDMI Output
- \* Build in **surge protector**
- \* **4** channels real time recording
- \* Dual Video Streaming
- \* **2** ways audio capabilities.
- \* **1** internal SATA HDD up to 2TB
- \* Remote access through mobile phone or PDA.
- \* Free CMS Software (10 DVR version)
- \* GUI (mouse) operation
- \* Remote Configuration
- \* Build-in VGA output

## Specification

| Model                 |                                  | ADH604C (H)                                                                             |
|-----------------------|----------------------------------|-----------------------------------------------------------------------------------------|
| Video                 | Input                            | IP-CAM: up to <b>2-CH 1080p</b> and <b>2-CH 720p</b> + Analog: up to 4-CH, BNC          |
|                       | Format                           | IP-CAM: ONVIF Profile S/ Analog: NTSC/EIA or PAL/CCIR                                   |
|                       | Main monitor                     | BNC x 1, 1Vp-p/75ohm, VGA D-sub 15pin connector, HDMI                                   |
|                       | Loss detection/ Motion detection | Yes/ Yes, with configurable detection area & sensitivity                                |
|                       | Privacy Mask                     | Yes                                                                                     |
| Audio                 | Input                            | 1 RCA-jack connector, line-in level (100mV-1Vrms)                                       |
|                       | Output                           | HDMI, 1 RCA-jack connector, line-out level (up to 1Vrms)                                |
| Record                | Compression                      | IP-CAM: H.264, Analog: H.264 High Profile / ADPCM                                       |
|                       | Speed (IPS) & Resolution         | IP-CAM: 60fps@1080p, 120/100fps@720p, Analog: 120/100fps@960H/D1/Half-D1/CIF            |
|                       | Watermark                        | Yes                                                                                     |
|                       | Mode                             | Manual/Schedule/Alarm/Motion                                                            |
|                       | Pre-record/ Post-record time     | 0~10 seconds/ 0~60 minutes                                                              |
| Display               | Resolution                       | HDMI/VGA – 1920*1080, NTSC – 720*480, PAL – 720*576                                     |
|                       | Split windows/ Digital Zoom      | 1/4; X2, X4                                                                             |
|                       | Frame rate                       | Up to 30 (NTSC) / 25 (PAL) IPS per display window                                       |
|                       | Sequential switch                | User adjustable                                                                         |
| Playback              | Speed (IPS) & Resolution         | IP-CAM: 40fps@1080p, 80fps@720p, Analog: 120/100fps@960H/D1/Half-D1/CIF                 |
|                       | Search                           | Smart search, Date/time, Camera, Alarm, Motion, & Video Loss                            |
| Storage               | HDD                              | 1 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law sup-   |
|                       | Partitions:                      | Configurable alarm partition size, Configurable auto-overwrite or not                   |
|                       | Backup                           | 1 USB 2.0 ports for USB disk drives, Self playback for backup files                     |
| Alarm                 | Input                            | 2 contact or TTL/CMOS signal, polarity selectable                                       |
|                       | Output                           | 1 Normally Open or Normally Closed relay output                                         |
|                       | Buzzer/ Event log                | Yes/ Yes                                                                                |
|                       | Triggered by                     | Sensor input, Video loss, & Motion                                                      |
| Network               | Ethernet                         | 1 RJ-45 10/100BaseT Ethernet connector ( <b>Dual Video Streaming</b> )                  |
|                       | Web                              | Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support |
|                       | E-mail/ <b>Push Alarm</b>        | Alarm notification to stationary or mobile devices                                      |
|                       | USB Dongle                       | Support 3G dongle                                                                       |
|                       | DDNS                             | Free                                                                                    |
|                       | Remote Station                   | PC, mobile phone, PDA or tablet PC                                                      |
|                       | Remote Users                     | Up to 8 users simultaneously                                                            |
|                       | FTP                              | Alarm video/audio file storage                                                          |
|                       | Audio                            | Bi-directional                                                                          |
|                       | Bandwidth                        | TCP/IP type dynamic sliding window control                                              |
| Control               | Protocol                         | TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP                                               |
|                       | I/R                              | 1 I/R remote controller                                                                 |
|                       | RS-485                           | 2-pin for keyboard/PTZ control                                                          |
| Setup                 | Local                            | On screen setup via keypad, I/R remote controller, USB mouse, and/or RS-485 keyboard    |
|                       | Remote                           | Setup & upload via Windows application software                                         |
|                       | Multi-lingual                    | Yes                                                                                     |
| Reliability           | System recovery                  | Auto power on after power loss recovery                                                 |
|                       | Watch Dog/ Timer                 | Yes/ Built-in real time clock                                                           |
|                       | Security                         | 4 levels, up to 18 accounts protection with authentication key for remote access        |
| Weights & Measures    | Dimension & Weight               | 184 x 194 x 44mm, 1.2 KG                                                                |
| Power Consumption     |                                  | +12VDC/ 30W Max.                                                                        |
| Operating Temperature |                                  | 0°C ~ +45°C                                                                             |

# 960H Hybrid H.264 4/ 8/ 16 Channels Full Features DVR



**ADH604S/ ADH608S**



**ADH616S**



**ADH604SU/ ADH608SU**



**ADH616SU**

DVR

Camera

IP

Accessories

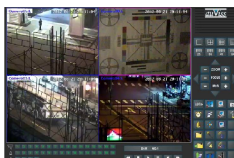
## Main Features:

- \* **Onvif 1080P/720P IP camera comparable**
- \* **Build in IP camera motion recording** function
- \* **Build in IP PTZ control** function
- \* **Build-in HDMI Output**
- \* **Build in surge protector**
- \* **Optional 960H/720 switch**
- \* **Dual Video Streaming**
- \* **2 ways audio capabilities.**
- \* **ADH-S series** can build in 1 internal SATA HDD up to 4TB
- \* **ADH-SU series** can build in 2 sets of 3.5" SATA HDDs + optional 1 set of 3.5" SATA HDD (or DVD writer)
- \* **eSATA port** for extension HDD recording (For ADH616/616SU only)
- \* **3-D de-interlace & de-noise Real-time Live Display.**
- \* **Remote access** through mobile phone or PDA.
- \* **Free CMS Software** (10 DVR version)
- \* **E. Map function** to edit preferable display - customize your own layout of remote monitoring.
- \* **GUI (mouse) operation**
- \* **Remote Configuration**
- \* **Build-in VGA output**
- \* **Build in RS-485** for PTZ, POS, GPS control, keyboard

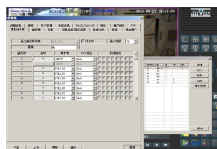
## Advantages:



- \* **Optional DVD models:** DVD+RW, DVD+R, DVD-R, Self playback for backup files (For ADH604SU/ ADH608SU/ ADH616SU Only)



- \* **One web browser** allow connection of 10 ADH Series DVR simultaneously and support up to 64 windows at same display screen.
- \* **Independent network streaming** for remote surveillance that is in highest speed without sharing the speed of streaming for recording.
- \* **9/16/25/36/49/64 windows selection.**



- \* **All configurations** can be done via I.E browser including camera setup, system, RS232/422/485, Network, Motion, HDD (HDD format exceptional)
- \* **Remote monitoring/control** up to unlimited (CMS-9099)
- \* **Customize your own layout** of remote monitoring
- \* **E. Map function** to edit preferable display

DVR

# Specification

DVR

Camera

IP

Accessories

| Model                 |                           | ADH604S (H)                                                                                                                                                             | ADH608S (H)                                 | ADH616S (H)                                                                                                                                       |
|-----------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                 | Input                     | IP-CAM: up to 2-CH 1080p and 2-CH 720p + Ana-log: up to 4/8-CH, BNC                                                                                                     |                                             | IP-CAM: up to 4-CH 1080p and 4-CH 720p + Analog: up to 8/16-CH, BNC                                                                               |
|                       | Format                    | IP-CAM: ONVIF Profile S/ Analog: NTSC/EIA or PAL/CCIR                                                                                                                   |                                             |                                                                                                                                                   |
|                       | Main monitor              | BNC x 1, 1Vp-p/75ohm, VGA D-sub 15pin connector, HDMI                                                                                                                   |                                             |                                                                                                                                                   |
|                       | Call monitor              | N/A                                                                                                                                                                     |                                             | Yes                                                                                                                                               |
|                       | Loss detection            | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Motion detection          | Yes, with configurable detection area & sensitivity                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Privacy Mask              | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
| Audio                 | Input                     | HDMI, 2 RCA-jack connector, line-in level (100mV-2Vrms)                                                                                                                 |                                             | HDMI, 8 RCA-jack connector                                                                                                                        |
|                       | Output                    | HDMI, 1 RCA-jack connector, line-out level (up to 2Vrms)                                                                                                                |                                             | HDMI, 2 RCA-jack connector                                                                                                                        |
| Record                | Compression               | IP-CAM: H.264, Analog: H.264 High Profile / ADPCM                                                                                                                       |                                             |                                                                                                                                                   |
|                       | Speed (IPS) & Reso-lution | IP-CAM: 60fps@1080p, 120/100fps@720p, Ana-log: 180/150fps@960H, 240/200fps@D1/Half-D1/ CIF                                                                              |                                             | IP-CAM: 120fps@1080p, 240/200fps@720p, Analog: 240/200fps@960H, 360/300fps@D1, 480/400fps@Half-D1/CIF, Up to 40Mbps incoming bandwidth for Ip-CAM |
|                       | Watermark                 | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Mode                      | Manual/Schedule/Alarm/Motion                                                                                                                                            |                                             |                                                                                                                                                   |
|                       | Pre-record time           | 0~10 seconds                                                                                                                                                            |                                             |                                                                                                                                                   |
|                       | Post-record time          | 0~60 minutes                                                                                                                                                            |                                             |                                                                                                                                                   |
| Display               | Resolution                | VGA: 1920*1080, NTSC: 720*480, PAL: 720*576                                                                                                                             |                                             |                                                                                                                                                   |
|                       | Split windows             | 1/4                                                                                                                                                                     | 1/4/7/9                                     | 1/4//7/9/10/13/16                                                                                                                                 |
|                       | Frame rate                | Up to 30 (NTSC) / 25 (PAL) IPS per display window                                                                                                                       |                                             |                                                                                                                                                   |
|                       | Digital Zoom              | X2, X4                                                                                                                                                                  |                                             |                                                                                                                                                   |
|                       | Sequential switch         | User adjustable                                                                                                                                                         |                                             |                                                                                                                                                   |
| Playback              | Speed (IPS) & Reso-lution | IP-CAM: 40fps@1080p, 80fps@720p, Analog: 180/150fps@960H, 240/200fps@D1/Half-D1/CIF                                                                                     |                                             | IP-CAM: 120fps@1080p, 240/200fps@720p, Analog: 240/2000fps@960H, 360/300fps@D1, 480/400fps@Half-D1/CIF                                            |
|                       | Search                    | Smart Search, Date/time, Camera, Alarm, & Motion                                                                                                                        |                                             |                                                                                                                                                   |
| Storage               | HDD                       | 1 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported                                                                              |                                             |                                                                                                                                                   |
|                       | HDD Extension             | X                                                                                                                                                                       |                                             | 1 optional eSATA connector up to 5HDDs                                                                                                            |
|                       | Partitions:               | Configurable alarm partitions size, Configurable auto-overwrite or not                                                                                                  |                                             |                                                                                                                                                   |
|                       | Backup                    | 1 USB 2.0 port for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers, HDD, etc.<br>Self playback for backup files                                                 |                                             |                                                                                                                                                   |
| Alarm                 | Input                     | 4 contact or TTL/CMOS signal, polarity selectable                                                                                                                       |                                             | 8 contact or TTL/CMOS signal, polarity selectable                                                                                                 |
|                       | Output                    | 1 Normally Open or Normally Closed relay output                                                                                                                         |                                             | 1 Normally Open, 1 Normally Closed relay output                                                                                                   |
|                       | Buzzer                    | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Triggered by              | Sensor input, Video loss, & Motion                                                                                                                                      |                                             |                                                                                                                                                   |
|                       | Event log                 | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
| Network               | Ethernet                  | 1 RJ-45 10/100BaseT Ethernet connector (Dual Video Streaming)                                                                                                           |                                             |                                                                                                                                                   |
|                       | Web                       | Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows) |                                             |                                                                                                                                                   |
|                       | E-mail/Push Alarm         | Alarm notification to stationary or mobile devices                                                                                                                      |                                             |                                                                                                                                                   |
|                       | USB Dongle                | Support 3G dongle                                                                                                                                                       |                                             |                                                                                                                                                   |
|                       | DDNS                      | Free                                                                                                                                                                    |                                             |                                                                                                                                                   |
|                       | Remote Station            | PC, mobile phone, PDA or tablet PC                                                                                                                                      |                                             |                                                                                                                                                   |
|                       | Remote Users              | Up to 8 users simultaneously                                                                                                                                            |                                             |                                                                                                                                                   |
|                       | FTP                       | Alarm video/audio file storage                                                                                                                                          |                                             |                                                                                                                                                   |
|                       | Audio                     | Bi-directional                                                                                                                                                          |                                             |                                                                                                                                                   |
|                       | Bandwidth                 | TCP/IP type dynamic sliding window control                                                                                                                              |                                             |                                                                                                                                                   |
|                       | Protocol                  | TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP                                                                                                                               |                                             |                                                                                                                                                   |
| Control/POS/GPS       | I/R                       | 1 I/R remote controller                                                                                                                                                 |                                             |                                                                                                                                                   |
|                       | RS-232                    | X                                                                                                                                                                       | 1 D-type female connector for PTZ, POS, GPS |                                                                                                                                                   |
|                       | RS-485                    | 2-pin for keyboard/PTZ control                                                                                                                                          |                                             |                                                                                                                                                   |
| Setup                 | Local                     | On screen setup via keypad, I/R remote controller, USB mouse, and/or RS-485 keyboard                                                                                    |                                             |                                                                                                                                                   |
|                       | Remote                    | Setup & upload via Windows application software                                                                                                                         |                                             |                                                                                                                                                   |
|                       | Multi-lingual             | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
| Reliability           | System recovery           | Auto power on after power loss recovery                                                                                                                                 |                                             |                                                                                                                                                   |
|                       | Watch Dog Timer           | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Timer                     | Built-in real time clock                                                                                                                                                |                                             |                                                                                                                                                   |
|                       | Security                  | 4 levels, up to 18 accounts protection with authentication key for remote access                                                                                        |                                             |                                                                                                                                                   |
| Weights & Measures    | Dimension & Weight        | 319 x 209 x 50mm, 2.0 KG                                                                                                                                                |                                             |                                                                                                                                                   |
| Power                 | Source                    | +12VDC                                                                                                                                                                  |                                             |                                                                                                                                                   |
|                       | Consumption               | 36W Max.                                                                                                                                                                |                                             |                                                                                                                                                   |
| Operating Temperature |                           | 0°C ~ +45°C                                                                                                                                                             |                                             |                                                                                                                                                   |

DVR

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# Specification

| Model                 |                                           | ADH604SU (H)                                                                                                                                                            | ADH608SU (H)                                | ADH616SU (H)                                                                                                                                      |
|-----------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                 | Input                                     | IP-CAM: up to 2-CH 1080p and 2-CH 720p + Analog: up to 4/8-CH, BNC                                                                                                      |                                             | IP-CAM: up to 4-CH 1080p and 4-CH 720p + Analog: up to 8/16-CH, BNC                                                                               |
|                       | Format                                    | IP-CAM: ONVIF Profile S/ Analog: NTSC/EIA or PAL/CCIR                                                                                                                   |                                             |                                                                                                                                                   |
|                       | Main monitor                              | BNC x 1, 1Vp-p/75ohm, VGA D-sub 15pin connector, HDMI                                                                                                                   |                                             |                                                                                                                                                   |
|                       | Call monitor                              | N/A                                                                                                                                                                     |                                             | Yes                                                                                                                                               |
|                       | Loss detection                            | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Motion detection                          | Yes, with configurable detection area & sensitivity                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Privacy Mask                              | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
| Audio                 | Input                                     | HDMI, 2 RCA-jack connector, line-in level (100mV-2Vrms)                                                                                                                 |                                             | HDMI, 8 RCA-jack connector                                                                                                                        |
|                       | Output                                    | HDMI, 1 RCA-jack connector, line-out level (up to 2Vrms)                                                                                                                |                                             | HDMI, 2 RCA-jack connector                                                                                                                        |
| Record                | Compression                               | IP-CAM: H.264, Analog: H.264 High Profile / ADPCM                                                                                                                       |                                             |                                                                                                                                                   |
|                       | Speed (IPS) & Resolution                  | IP-CAM: 60fps@1080p, 120/100fps@720p, Analog: 180/150fps@960H, 240/200fps@D1/Half-D1/CIF                                                                                |                                             | IP-CAM: 120fps@1080p, 240/200fps@720p, Analog: 240/200fps@960H, 360/300fps@D1, 480/400fps@Half-D1/CIF, Up to 40Mbps incoming bandwidth for Ip-CAM |
|                       | Watermark                                 | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Mode                                      | Manual/Schedule/Alarm/Motion                                                                                                                                            |                                             |                                                                                                                                                   |
|                       | Pre-record time                           | 0~10 seconds                                                                                                                                                            |                                             |                                                                                                                                                   |
|                       | Post-record time                          | 0~60 minutes                                                                                                                                                            |                                             |                                                                                                                                                   |
| Display               | Resolution                                | VGA: 1920*1080, NTSC: 720*480, PAL: 720*576                                                                                                                             |                                             |                                                                                                                                                   |
|                       | Split windows                             | 1/4                                                                                                                                                                     | 1/4/7/9                                     | 1/4/7/9/10/13/16                                                                                                                                  |
|                       | Frame rate                                | Up to 30 (NTSC) / 25 (PAL) IPS per display window                                                                                                                       |                                             |                                                                                                                                                   |
|                       | Digital Zoom                              | X2, X4                                                                                                                                                                  |                                             |                                                                                                                                                   |
|                       | Sequential switch                         | User adjustable                                                                                                                                                         |                                             |                                                                                                                                                   |
| Playback              | Speed (IPS) & Resolution                  | IP-CAM: 40fps@1080p, 80fps@720p, Analog: 180/150fps@960H, 240/200fps@D1/Half-D1/CIF                                                                                     |                                             | IP-CAM: 120fps@1080p, 240/200fps@720p, Analog: 240/2000fps@960H,                                                                                  |
|                       | Search                                    | Smart Search, Date/time, Camera, Alarm, & Motion                                                                                                                        |                                             |                                                                                                                                                   |
| Storage               | HDD                                       | 3 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported                                                                              |                                             |                                                                                                                                                   |
|                       | HDD Extension                             | X                                                                                                                                                                       |                                             | 1 optional eSATA connector up to 5HDDs                                                                                                            |
|                       | Partitions:                               | Configurable alarm partitions size, Configurable auto-overwrite or not                                                                                                  |                                             |                                                                                                                                                   |
|                       | Backup                                    | 1 USB 2.0 port for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers, HDD, etc. Self playback for backup files                                                    |                                             |                                                                                                                                                   |
| Alarm                 | Input                                     | 4 contact or TTL/CMOS signal, polarity selectable                                                                                                                       |                                             | 16 contact or TTL/CMOS signal, polarity selectable                                                                                                |
|                       | Output                                    | 1 Normally Open or Normally Closed relay output                                                                                                                         |                                             | 2 Normally Open/Closed relay output                                                                                                               |
|                       | Buzzer                                    | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Triggered by                              | Sensor input, Video loss, & Motion                                                                                                                                      |                                             |                                                                                                                                                   |
|                       | Event log                                 | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
| Network               | Ethernet                                  | 1 RJ-45 10/100BaseT Ethernet connector (Dual Video Streaming)                                                                                                           |                                             |                                                                                                                                                   |
|                       | Web                                       | Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows) |                                             |                                                                                                                                                   |
|                       | E-mail/Push Alarm                         | Alarm notification to stationary or mobile devices                                                                                                                      |                                             |                                                                                                                                                   |
|                       | USB Dongle                                | Support 3G dongle                                                                                                                                                       |                                             |                                                                                                                                                   |
|                       | DDNS                                      | Free                                                                                                                                                                    |                                             |                                                                                                                                                   |
|                       | Remote Station                            | PC, mobile phone, PDA or tablet PC                                                                                                                                      |                                             |                                                                                                                                                   |
|                       | Remote Users                              | Up to 8 users simultaneously                                                                                                                                            |                                             |                                                                                                                                                   |
|                       | FTP                                       | Alarm video/audio file storage                                                                                                                                          |                                             |                                                                                                                                                   |
|                       | Audio                                     | Bi-directional                                                                                                                                                          |                                             |                                                                                                                                                   |
|                       | Bandwidth                                 | TCP/IP type dynamic sliding window control                                                                                                                              |                                             |                                                                                                                                                   |
| Protocol              | TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP |                                                                                                                                                                         |                                             |                                                                                                                                                   |
| Control/POS/GPS       | I/R                                       | 1 I/R remote controller                                                                                                                                                 |                                             |                                                                                                                                                   |
|                       | RS-232                                    | X                                                                                                                                                                       | 1 D-type female connector for PTZ, POS, GPS |                                                                                                                                                   |
|                       | RS-485                                    | 2-pin for keyboard/PTZ control                                                                                                                                          |                                             |                                                                                                                                                   |
| Setup                 | Local                                     | On screen setup via keypad, I/R remote controller, USB mouse, and/or RS-485 keyboard                                                                                    |                                             |                                                                                                                                                   |
|                       | Remote                                    | Setup & upload via Windows application software                                                                                                                         |                                             |                                                                                                                                                   |
|                       | Multi-lingual                             | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
| Reliability           | System recovery                           | Auto power on after power loss recovery                                                                                                                                 |                                             |                                                                                                                                                   |
|                       | Watch Dog Timer                           | Yes                                                                                                                                                                     |                                             |                                                                                                                                                   |
|                       | Timer                                     | Built-in real time clock                                                                                                                                                |                                             |                                                                                                                                                   |
|                       | Security                                  | 4 levels, up to 18 accounts protection with authentication key for remote access                                                                                        |                                             |                                                                                                                                                   |
| Weights & Measures    | Dimension & Weight                        | 430 x 280 x 54mm, 3.0 KG                                                                                                                                                |                                             | 430 x 330 x 65mm, 4.0 KG                                                                                                                          |
| Power                 | Source                                    | +12VDC                                                                                                                                                                  |                                             |                                                                                                                                                   |
|                       | Consumption                               | 50W Max.                                                                                                                                                                |                                             | 70W Max.                                                                                                                                          |
| Operating Temperature |                                           | 0°C ~ +45°C                                                                                                                                                             |                                             |                                                                                                                                                   |

DVR

Camera

IP

Accessories

DVR

# System Control Keyboard

DVR

Camera

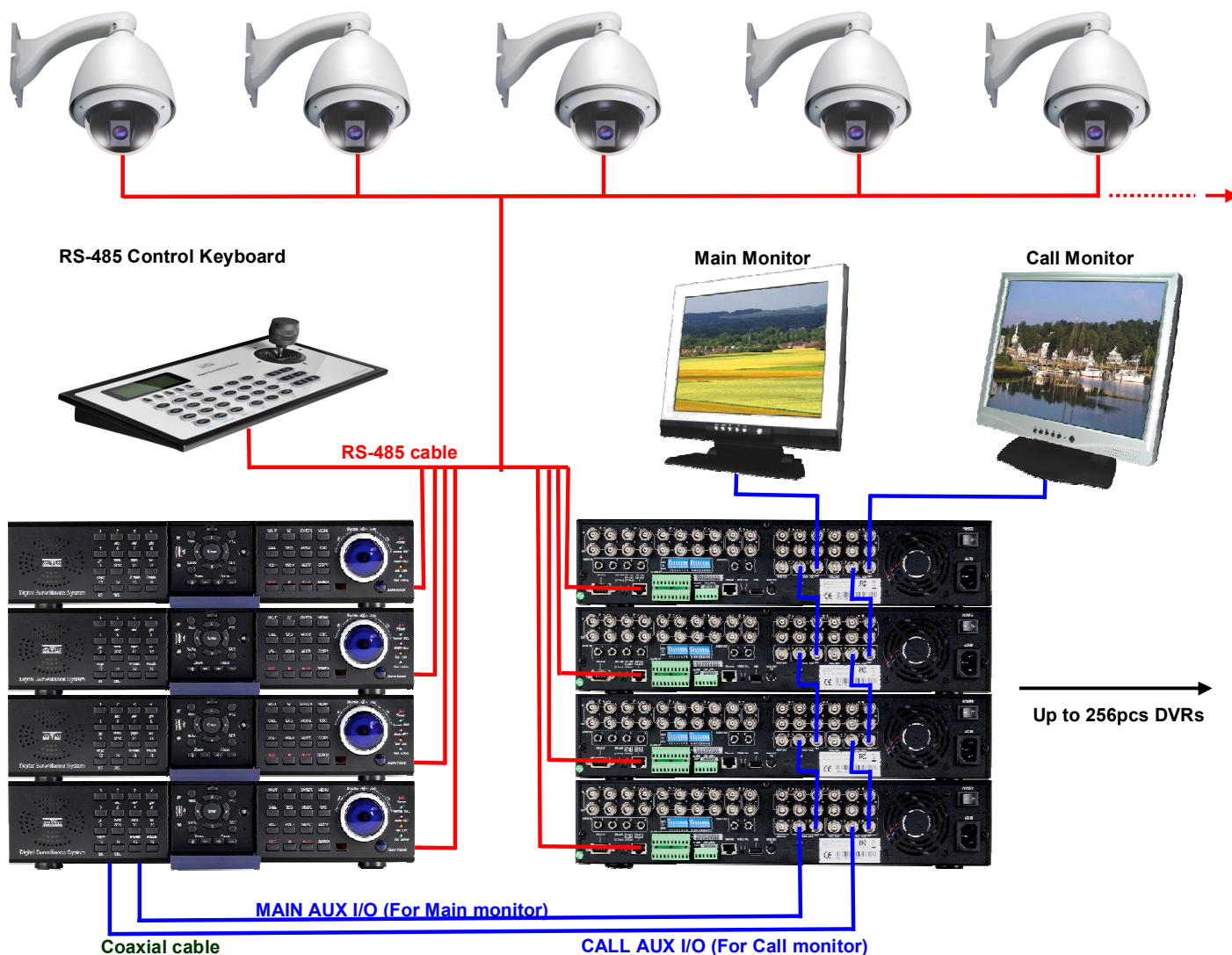
IP

Accessories



|                         |                                       |
|-------------------------|---------------------------------------|
| Model                   | : <b>AKB-2000</b>                     |
| Protocol                | : Auviss, Pelco_P, Pelco_D            |
| Baud                    | : 2400bps, 4800bps, 9600bps, 19200bps |
| Communication Interface | : RS485, RS232, RJ45, USB             |
| Transmission Distance   | : 1200M                               |
| Maximum cable length    | : 1200M                               |
| Working temperature     | : -10 C -- + 50 C                     |
| Working humidity        | : 10%--90%                            |
| Size                    | : 340mm X 170mm X 45mm                |
| Power Supply            | : DC12V                               |

## Cascade function of ADH Series Professional Type DVR



Through AKB-2000 RS-485 control keyboard, up to 256pcs ADH Series can be remote control. Numerous DVRs apply one set of Main Monitor and one set of Call Monitor. The expect displayed DVRs video can be selected through the AKB-2000 remote control keyboard. This is also the best solution to replace the conventional matrix system. With Auviss ADH Series Professional Type DVR, the large matrix system is already exist for more flexible operation and application.