

AHD DVR Full HD H.264



# AHD DVR

## RAH-1628AU-B

### MAIN FEATURES

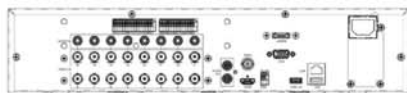
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- ☐ AHD 1080P FULL HD universal
- ☐ 16 CH video inputs, max 1080P @ 480/400 fps(AHD); 720P @ 480/400 fps (AHD)
- ☐ 960H supported, max 480/400 fps
- ☐ Multiple input : mix signal on same screen
- ☐ Standalone Linux embedded system
- ☐ Web-based management
- ☐ P2P remote access supported
- ☐ Support iOS, Windows 7,8,8.1,10 and Android
- ☐ Touch-Panel LCD Monitor supported
- ☐ Support up to 7 SATA devices, USB 3.0 x1, USB2.0 X2, RJ45(10/100/1000)
- ☐ Support OmniCatch

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## Order information

### RAH-1628AU-B



Dimension(mm) : 442(w)x51(h)x203(d)

Net.W: 7.73 kgws Gross.W: 8.33 kgws

| Model        |                             | RAH-1628AU-B                                                                       |
|--------------|-----------------------------|------------------------------------------------------------------------------------|
| Camera Input |                             | 16CH AHD Universal                                                                 |
| Housing      |                             | B                                                                                  |
| Video        | Input                       | AHD:1080P@30/25 fps,720P@60/50 fps,720P@30/25fps 960H/D1                           |
|              | Output                      | 1 HDMI with Audio and 1 VGA ( Max. 1920x1080)<br>1 Main BNC                        |
| Audio        | Input                       | 8 RCA                                                                              |
|              | Output                      | 2 RCA                                                                              |
| System       | Operating System            | Embedded Linux OS                                                                  |
|              | SATA Devices                | Supports Max. x 7 SATA Devices<br>(HDDx6+eSATAx1, HDDx4+Optical Devicex1+eSATAx1)  |
|              | External HDD                | YES ( eSATA )                                                                      |
|              | Alarm In /Relay Out         | Alarm-in x 16 / Relay-out x 4                                                      |
|              | Serial Interface            | RS-485 x2                                                                          |
|              | USB 2.0 Ports               | USB 3.0 x1, USB2.0 X2                                                              |
|              | Dimension ( mm )            | 442(w)x92(h)x438(d)                                                                |
|              | Power Rating                | AC 110/220V 250W                                                                   |
| Display      | Split Screen                | 1, 4, 9, 13, 16,SEQ.                                                               |
|              | Auto Channel                | Switching time : 1 ~ 99 sec                                                        |
|              | Switching                   |                                                                                    |
|              | Mode                        | Zoom, Auto SEQ.                                                                    |
| Recording    | Compression                 | H.264 High Profile                                                                 |
|              | Main (Recording) Resolution | 1920 x 1080, 1280 x 720;                                                           |
|              |                             | 944 x 480 .704 x 480, 352 x 240 (NTSC) / 944 x 576 ,<br>704 x 576, 352 x 288 (PAL) |
|              | Sub (Network) Resolution    | 640 x 360 / 352 x 240, 176 x 120 ( NTSC) / 352 x 288,                              |
|              |                             | 176 x 144 (PAL)                                                                    |
|              | Picture Quality             | 10~100 levels for adjustment                                                       |
|              | Mode                        | Continuous, Event, Schedule                                                        |
|              | Record Rate                 | NTSC 1080p 240fps; 720p 480 fps<br>PAL 1080p 200fps ; 720p 400 fps                 |
| Playback     | Pre-Alarm                   | 1 ~ 5 SEC                                                                          |
|              | Post-Alarm                  | 1 ~ 100 SEC                                                                        |
|              | Search Mode                 | Date/time, Event                                                                   |
|              | Zoom                        | *Digital ( x2 ~ x5 )                                                               |

# AHD DVR

| Model                                                    |                        | RAH-1628AU-B                                                                      |
|----------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------|
| Network                                                  | Network Interface      | 10/100/1000 Ethernet                                                              |
|                                                          | Protocol               | TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS                                  |
|                                                          | Application            | Windows 7 & 8, Mac OS X                                                           |
|                                                          | Remote Software        | SoCatch, IE Browser, iCMS Pro                                                     |
|                                                          | Account                | 1 Admin + 10 Users                                                                |
|                                                          | Mobile Device          | Windows Phone 7.8, iPhone, iPad, Android                                          |
| Backup                                                   | Interface              | USB or SATA                                                                       |
|                                                          | Audio Backup           | YES                                                                               |
|                                                          | Backup Type            | Network, ext. USB flash device , SATA optical DVD..etc.                           |
| Alarm                                                    | Motion Detection       | Sensitivity: 100 levels for each channel                                          |
|                                                          |                        | Area: Programmable individually                                                   |
|                                                          | Event Log              | Up to the 10000 events                                                            |
|                                                          |                        | (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full) |
| OSD&DVR Control                                          | Multi-Language         | Supported                                                                         |
|                                                          | Camera Title           | Multi-Language                                                                    |
|                                                          | USB Mouse              | YES                                                                               |
|                                                          | Touch Panel            | Touch Panel LCD Monitor<br>(USB Interface, EETI Chipset Only)                     |
|                                                          | Remote Controller      | IR Remote Control                                                                 |
|                                                          | System Upgrade         | USB Flash Drive, iWatch DVR                                                       |
|                                                          | Pan/Tilt/Zoom Control  | Control From RS485 Interface                                                      |
|                                                          |                        | ( Pelco P, Pelco D, Samsung, LG, LiLin )                                          |
| General                                                  | Operating Temperature: | -10°C ~ +55°C (14°F ~ 131°F)                                                      |
|                                                          | Operating Humidity:    | 10%~80%                                                                           |
| All specifications are subject to change without notice. |                        |                                                                                   |



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