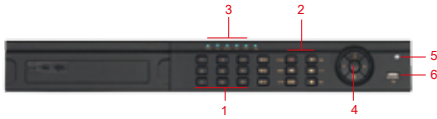


D1 DVR's 4/8CH Real-Time

SA-4100HD (1U)
SA-8200HD (1U)



■ Front Panel



- 1.Number /CH key
- 2.Function key
- 3.Indicator Leds
- 4.Direction/Multi screen key
- 5.IR receiver
- 6.USB

■ SA-4100HD (1U) Rear Panel



- 1.RS485\Alarm In / Out
- 2.HDMI
- 3.LAN
- 4.VGA Out
- 5.Video Out(BNCx2)

■ SA-8200HD (1U) Rear Panel



- 6.Video In
- 7.USB
- 8.Audio In(RCAx4)
- 9.Audio Out(RCAx1)
- 10.DC12V Socket



Specifications

| MODEL | | SA-4100HD (1U) | SA-8200HD (1U) |
|------------|------------------|--|------------------------------|
| System | Compression | Standard H.264 | |
| | CPU | ARM11 Duo | |
| | OS | Embedded Linux | |
| Video | Input | BNC X4 | BNC X8 |
| | Output | BNCX2: Main monitor, Spot monitor / VGAX1: 1280x1024 VGAX1: 1280x1024 | |
| Audio | Input | RCA X4 | |
| | Output | RCA X1 | |
| | 2way audio | Yes | |
| Record | Frame Rate | PAL 120fps D1/NTSC 100fps D1 | PAL 240fps D1/NTSC 200fps D1 |
| | Resolution | D1/CIF, 704x576/352x288 (PAL), 704x480/352x240 (NTSC) | |
| | Bitrate | 128k~2Mbps | |
| | Encode | VBR/CBR | |
| | Quality | 5 Level | |
| | Mode | Manual, continuous, motion, sensor | |
| | File | Lock, unlock, reserving time, redundancy | |
| Play back | Playback | 4CH | |
| | Search | Time, motion, sensor, single or multi-channel | |
| | Function | Play, pause, FF, FB, Jog; Digital zoom | |
| Alarm | Mode | Sensor, motion, video loss, network status, HDD status | |
| | Input | 4CH | |
| | Output | 4CH | |
| | Triggering | Record, PTZ move, relay out, E-mail | |
| Network | Interface | RJ45 Giga ethernet | |
| | Protocol | TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-mail | |
| | Function | Full Function | |
| | Others | 10 users online, dual stream | |
| Cell phone | OS | Iphone, Blackberry, Andriod, Windows mobile, Symbian | |
| | Function | Multi-channel display, server list, record, playback, PTZ, log | |
| I/O | HDD | SATAx2, 2T per HDD, Support DVD-RW | |
| | RS485 / USB | RS485X2 / USB2.0X2 | |
| | IR controller | 1 | |
| Others | Power supply | AC: 110V/220V | |
| | Dimention | 430X400X57mm (WxDxH) | |
| | Work Environment | 0°C ~ 50°C, 10% ~ 90% Humidity | |

D1 DVR's Professional 16CH Real-Time

SA-16400HD (2U)

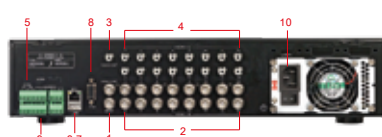


Front Panel



- 1.Number /CH key
- 2.Function key
- 3.Indicator Leds
- 4.Direction
- 5.Multiscreen key
- 6.Playback Control

Rear Panel



- 1.Video Out(BNCx2)
- 2.Video In(BNCx16)
- 3.Audio Out(RCAx1)
- 4.Audio In(RCAx16)
- 5.RS485
- 6.USB Mouse
- 7.LAN
- 8.VGA Out
- 9.Alarm In/Out
- 10.Power Socket



Specifications

| | | |
|--------------|------------------|--|
| MODEL | | SA-16400HD (2U) |
| System | Compression | Standard H.264 |
| | CPU | ARM11 Duo |
| | OS | Embedded Linux |
| Video | Input | BNC X16 |
| | Output | BNCX2: Main monitor, Spot monitor |
| | | VGAX1: 1280x1024 |
| | | HDMI: 1080P(1920x1080) (Optional) |
| | Loopout: No | |
| Audio | Input | Full Audio RCA X16 |
| | Output | RCA X1 |
| | 2way audio | Yes |
| Record | Frame Rate | PAL 480FPS D1/NTCS 400FPS D1 |
| | Resolution | D1/CIF, 704x576/352x288 (PAL), 704x480/352x240 (NTSC) |
| | Bitrate | 128k~2Mbps |
| | Encode | VBR/CBR |
| | Quality | 5 Level |
| | Mode | Manual, continuous, motion, sensor |
| | File | Lock, unlock, reserving time, redundancy |
| Play back | Playback | 4CH |
| | Search | Time, motion, sensor, single or multi-channel |
| | Function | Play, pause, FF, FB, Jog; Digital zoom |
| Alarm | Mode | Sensor, motion, video loss, network status, HDD status |
| | Input | 16CH |
| | Output | 4CH |
| | Triggering | Record, PTZ move, relay out, E-mail |
| Network | Interface | RJ45 Giga ethernet |
| | Protocol | TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS,E-mail |
| | Function | Full Function |
| | Others | 10 users online, dual stream |
| Cell phone | OS | Iphone, Blackberry, Andriod, Windows mobile, Symbian |
| | Function | Multi-channel display, server list, record, playback, PTZ, log |
| I/O | HDD | SATAx4, eSATAx1, 2T per HDD, support DVD-RW |
| | RS485 / USB | RS485X2 / USB2.0X2 |
| | IR controller | 1 |
| Others | Power supply | AC: 110V/220V |
| | Dimention | 430X450X89mm (WxDxH) |
| | Work Environment | 0°C ~ 50°C, 10% ~ 90% Humidity |