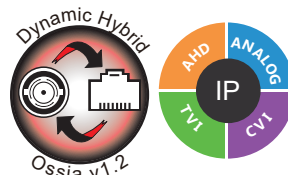


4+1 CH Dynamic Hybrid DVR

SH-4050A-2



1080P Lite 1080P

1080P



| Hybrid Modes | HD Analog + IP | 4 + 1 | 3 + 2 | 2 + 3 | 1 + 4 | 0 + 5 |
|--------------|----------------|-------|-------|-------|-------|-------|
|--------------|----------------|-------|-------|-------|-------|-------|

| | | | | | | |
|----------------------------|------------------------------|--|---|---|--|--|
| MODEL | | SH-4050A-2 [Ossia v1.2] | | | | |
| System | Compression Format | | High profile H.264 | | | |
| | ONVIF | | Yes (for IP Channels) | | | |
| | Format | | "All in 1" Hybrid (AHD / CVI / TVI / CVBS) + IP | | | |
| Video | Input | Min. | 0CH Standard BNC + 5CH IP (Over Network) | | | |
| | | Max. | 4CH Standard BNC + 1CH IP (Over Network) - <u>Default Setting</u> | | | |
| Standard Output | | HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot) | | | | |
| Audio | Input | | 4CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras) | | | |
| | Output | | 1CH RCA (2.0 Vp-p, 1 kΩ) | | | |
| | Two Way Audio | | Yes | | | |
| HD Analog Recording | General | Channels &Resolution | Min. | No Channels (IP Channels Only) | | |
| | | | Max. | 4CH 1080P Half Real-Time (With 1CH IP) - <u>Default Setting</u> | | |
| | Recording Modes | | Schedule, Manual, Motion, Sensor | | | |
| | AHD / TVI / CVI | 5MP | | No | | |
| | | 4MP | | No | | |
| | | 2MP (1080P) | | Up to 15/12FPS Per Channel | | |
| | | 2MPL (1080P Lite) and lower | | 30/25FPS Per Channel | | |
| CVBS | 960H | | 30/25FPS Per Channel | | | |
| IP Recording | General | Channels &Resolution | Min. | 1CH 1080P Real-Time (With 4CH Analog) - <u>Default Setting</u> | | |
| | | | Max. | 5CH 1080P Real-Time (No Analog CH) | | |
| | Recording Modes | | Schedule, Manual, Motion, Sensor, Analytics | | | |
| IP | 3MP And Higher | | No | | | |
| | 2MP and Lower | | 30/25FPS Per Channel | | | |
| Playback | Local / Remote | | 4CH / 4CH | | | |
| | Search Mode | | Time-Slice, Time, Event, File Management | | | |
| Backup | USB | | 2 USB 2.0 Port | | | |
| | Backup Format | | AVI/DAT | | | |
| Remote Application | HD Analog Stream | | Master Stream 1-25/30FPS@720P/1080PL / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P | | | |
| | Analog Stream | | Master & Sub-Stream 1-25/30FPS@960H | | | |
| | IP Stream | | Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1 | | | |
| | Master Stream | | Up to 12Ch@Recording Resolution | | | |
| | Browser | | Safari (Mac OS) IE (Windows Vista/7/8/10) | | | |
| | CMS | | Yes | | | |
| | Mobile Application | | Provision Cam2 for iOS/Android | | | |
| User Access | | 5 Users Online with Professional Authority Management | | | | |
| Alarm | Input | | 4CH (+IP Cameras) | | | |
| | Output | | 1CH (+IP Cameras) | | | |
| Storage | HDD | | 1 SATA (8TB) | | | |
| | E-SATA | | No | | | |
| PTZ | Connection | | RS-485 / CoC / IP-Over Network | | | |
| | Supported Protocols | | Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC | | | |
| | Supported Controls | | Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus | | | |
| Network | Ethernet | | 100 Mbps (RJ-45) | | | |
| | Protocol | | TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P | | | |
| | Bandwidth | Incoming | 20Mbps (For 5 IP Channels) / 4Mbps (For 1 IP Channels) | | | |
| | | Outgoing | 12Mbps | | | |
| Others | Dimension | | W300xD250xH50mm | | | |
| | IR Controller | | Yes | | | |
| | Power Supply | | 12V/2A | | | |
| | Operation Temperature | | 0°C ~50°C | | | |

4 CH 4in1 + 1 CH IP Hybrid DVR

SH-4050A-2



ossia

1080P Lite 1080P

1080P



| | | | |
|---------------------------|---|--|--|
| MODEL | | SH-4050A-2 | |
| System | Compression Format | High profile H.264 | |
| | ONVIF | Yes | |
| | Format | 4in1 Hybrid (AHD / CVI / TVI / CVBS + IP) | |
| Video | Input | 4CH Standard BNC + 1CH IP (Over Network) | |
| | Standard Output | HDMI, VGA (800x600, 1024x768), CVBS(Spot) | |
| Audio | Input | 4CH | |
| | Output | 1CH | |
| | Two Way Audio | Yes | |
| Recording | AHD / CVI / TVI | Real-Time Recording | 4CH 1080P Half Real-Time |
| | | 2MP (1080P) | 60FPS (NTSC)/50FPS (PAL) Total. Up to 15/12FPS Per Channel |
| | | 2MPL (1080P Lite) | 120FPS (NTSC)/100FPS (PAL) |
| | | 1MP (720P) | 120FPS (NTSC)/100FPS (PAL) |
| | Analog | Real-Time Recording | 4CH 960H Real-Time |
| | | 960H | 120FPS (NTSC)/100FPS (PAL) |
| | | D1 | No |
| | | CIF | No |
| | IP | Real-Time Recording | 1CH 1080P Real-Time |
| | | 3MP | No |
| | | 2MP (1080P) | 30FPS (NTSC)/25FPS (PAL) |
| | | 1.3MP (960P) | 30FPS (NTSC)/25FPS (PAL) |
| | General | 1MP (720P) | 30FPS (NTSC)/25FPS (PAL) |
| | | Recording Modes | Schedule, Manual, Motion, Sensor |
| Playback | HD Analog/CVBS Playback | 4CH | |
| | IP Playback | 4CH | |
| | Search Mode | Time, Event, File Management | |
| Backup | USB | 2 USB 2.0 Port | |
| | DVD Burner | No | |
| | Backup Format | AVI/DAT | |
| Remote Application | HD Analog Stream | Master Stream 1-25/30FPS@720P / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P | |
| | Analog Stream | Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H | |
| | IP Stream | Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1 | |
| | Master Stream | Up to 12Ch@Recording Resolution | |
| | Browser | IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10) | |
| | CMS | Yes | |
| | Mobile Application | Provision Cam2 for iOS/Android | |
| User Access | 5 Users Online with Professional Authority Management | | |
| Alarm | Input | 4CH | |
| | Output | 1CH | |
| Storage | HDD | 1 SATA (6TB) | |
| | E-SATA | No | |
| PTZ | Connection | RS-485 / CoC | |
| | Supported Protocols | Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC | |
| | Supported Controls | Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus | |
| Network | Ethernet | 100 Mbps (RJ-45) | |
| | Protocol | TCP/IP, DHCP, DDNS, NTP, SMTP, P2P | |
| Others | Dimension | W300xD250xH45mm | |
| | IR Controller | Yes | |
| | Power Supply | 12V/2A | |
| | Operation Temperature | 0°C ~50°C | |