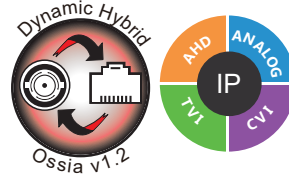


# 16+4 CH Dynamic Hybrid DVR

## SH-16400A-2L



1080P Lite

1080P



| Hybrid Modes | HD Analog | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 6  | 5  |
|--------------|-----------|----|----|----|----|----|----|----|----|----|----|----|----|
|              | IP        |    | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 |

|                            |                              |                                    |  |                      |
|----------------------------|------------------------------|------------------------------------|--|----------------------|
| <b>MODEL</b>               |                              | SH-16400A-2L [Ossia v1.2]          |  |                      |
| <b>System</b>              | <b>Compression Format</b>    |                                    | High profile H.264   |                      |
|                            | <b>ONVIF</b>                 |                                    | Yes (For IP Channels)  |                      |
|                            | <b>Format</b>                |                                    | "All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)                              |                      |
| <b>Video</b>               | <b>Input</b>                 | <b>Min.</b>                        | 5CH Standard BNC + 15CH IP (Over Network)                                    |                      |
|                            |                              | <b>Max.</b>                        | 16CH Standard BNC + 4CH IP (Over Network) - <u>Default Setting</u>           |                      |
|                            | <b>Standard Output</b>       |                                    | HDMI (1920x1080), VGA (1280x1024, 1024x768)                                  |                      |
| <b>Audio</b>               | <b>Input</b>                 |                                    | 1CH RCA (2.0 Vp-p, 1 kΩ) 1CH (+IP Cameras)                                   |                      |
|                            | <b>Output</b>                |                                    | 1CH RCA (2.0 Vp-p, 1 kΩ)   |                      |
|                            | <b>Two Way Audio</b>         |                                    | Yes  |                      |
| <b>HD Analog Recording</b> | <b>General</b>               | <b>Channels &amp; Resolution</b>   | <b>Min.</b> 5CH 1080P Lite Real-Time (With 15CH IP)                          |                      |
|                            |                              |                                    | <b>Max.</b> 16CH 1080P Lite Real-Time (With 4CH IP) - <u>Default Setting</u> |                      |
|                            | <b>Recording Modes</b>       |                                    | Schedule, Manual, Motion, Sensor   |                      |
|                            | AHD / TVI / CVI              | <b>5MP</b>                         |  | No                   |
|                            |                              | <b>4MP</b>                         |  | No                   |
|                            |                              | <b>2MP (1080P)</b>                 |  | No                   |
|                            |                              | <b>2MPL (1080P Lite) and lower</b> |  | 30/25FPS Per Channel |
| CVBS                       | <b>960H</b>                  |                                    | 30/25FPS Per Channel   |                      |
| <b>IP Recording</b>        | <b>General</b>               | <b>Channels &amp; Resolution</b>   | <b>Min.</b> 4CH 1080P Real-Time (With 16CH Analog) - <u>Default Setting</u>  |                      |
|                            |                              |                                    | <b>Max.</b> 15CH 1080P Real-Time (With 5CH Analog)                           |                      |
|                            | <b>Recording Modes</b>       |                                    | Schedule, Manual, Motion, Sensor, Analytics                                  |                      |
|                            | IP                           | <b>3MP And Higher</b>              |  | No                   |
| <b>2MP and Lower</b>       |                              | 30/25FPS Per Channel               |  |                      |
| <b>Playback</b>            | <b>Local / Remote</b>        |                                    | 16CH/8CH   |                      |
|                            | <b>Search Mode</b>           |                                    | Time-Slice, Time, Event, File Management                                     |                      |
| <b>Backup</b>              | <b>USB</b>                   |                                    | 1 USB 2.0 Port + 1 USB 3.0 Port  |                      |
|                            | <b>Backup Format</b>         |                                    | AVI/DAT  |                      |
| <b>Remote Application</b>  | <b>HD Analog Stream</b>      |                                    | Master Stream 1-25/30FPS@720P/1080P Lite; Sub-Stream: Up to 1-25FPS@D1       |                      |
|                            | <b>Analog Stream</b>         |                                    | Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H                 |                      |
|                            | <b>IP Stream</b>             |                                    | Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1               |                      |
|                            | <b>Master Stream</b>         |                                    | Up to 20Ch@Recording Resolution  |                      |
|                            | <b>Browser</b>               |                                    | Safari (Mac OS) IE (Windows Vista/7/8/10)                                    |                      |
|                            | <b>CMS</b>                   |                                    | Yes  |                      |
|                            | <b>Mobile Application</b>    |                                    | Provision Cam2 for iOS/Android   |                      |
| <b>Alarm</b>               | <b>User Access</b>           |                                    | 4 Users Online with Professional Authority Management                        |                      |
|                            | <b>Input</b>                 | None Integral - IP Cameras Only    |  |                      |
| <b>Storage</b>             | <b>Output</b>                | None Integral - IP Cameras Only    |  |                      |
|                            | <b>HDD</b>                   | 1 SATA (8TB)                       |  |                      |
| <b>PTZ</b>                 | <b>E-SATA</b>                |                                    | No   |                      |
|                            | <b>Connection</b>            |                                    | RS-485 / CoC / IP-Over Network   |                      |
|                            | <b>Supported Protocols</b>   |                                    | Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC                                 |                      |
| <b>Network</b>             | <b>Supported Controls</b>    |                                    | Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus                           |                      |
|                            | <b>Ethernet</b>              |                                    | 100 Mbps (RJ-45)   |                      |
|                            | <b>Protocol</b>              |                                    | TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P                   |                      |
|                            | <b>Bandwidth</b>             | <b>Incoming</b>                    | 24Mbps (For 4 IP Channels) / 60Mbps (For 15 IP Channels)                     |                      |
| <b>Outgoing</b>            |                              | 50Mbps                             |  |                      |
| <b>Others</b>              | <b>Dimension</b>             |                                    | W300xD250xH50mm  |                      |
|                            | <b>IR Controller</b>         |                                    | Yes  |                      |
|                            | <b>Power Supply</b>          |                                    | 12V/2A   |                      |
|                            | <b>Operation Temperature</b> |                                    | 0°C ~50°C  |                      |