

DVR

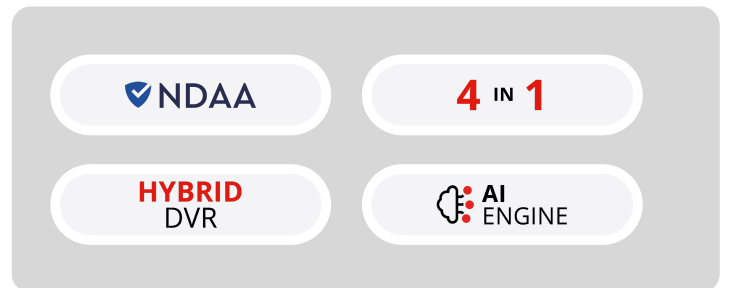
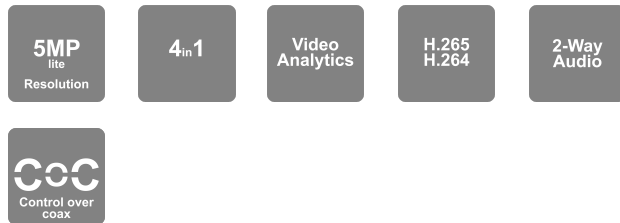
Provision-ISR DVRs feature the advanced H.264-H265 video compression format for maximum video quality alongside minimum storage volume. Their Dynamic Hybrid function allows installers to decide how the analog channels will work according to the installation needs, making this installation totally dynamic.



SH-8100A5N-5L-V2

8CH "4 in 1" + 4CH IP Dynamic Hybrid DVR

Provision-ISR SH-8100A5N-5L-V2 is a high-quality dynamic hybrid digital video recorder obtainable in an elegant 1U case. This technology allows users to add advanced IP cameras alongside analog ones and enjoy high-quality images and other advanced features available on IP cameras only. The recorder supports Provision-ISR's DDA Video Analytics for analog & IP cameras.



MAIN FEATURES

- Video: Input: 8~4 Output: VGA: 1024x768/1280x1024/1920x1080 HDMI: 1024x768/1280x1024/1920x1080 CBS (Can be used as spot)
- Recording: HD Analog - 8 Channels AND/TVI: 5MP Lite Max 10FPS Per Channel Resolution: 1280x1936 (PAL/NTSC) AHD/TVI/CVI: 4MP Lite Max 12/15FPS Per Channel Resolution: 1280x1440 (PAL/NTSC) AHD/TVI/CVI: 1080P Max 12/15FPS Per Channel Resolution: 1920x1080 (PAL/NTSC) (Supported Resolutions: 1080P Lite, 720P in Real-Time) CBS: 960H Max 25/30FPS Per Channel Resolution: 960x576 (PAL) / 960x480 (NTSC) IP -4 Channels IP: 5MP and lower Max 25/30FPS Per Channel Resolution: 2592x1944 (PAL/NTSC)
- Playback: 8 Channel Simultaneously (Local) 4 Channel Simultaneously (Remote)
- Analytics (Pixel Based): For IP Channels: Line Crossing, Sterile Area, Item Monitoring, Camera Tampering and Smart Search. For HD Analog Channels: Line Crossing, Sterile Area and Smart Search.
- Bandwidth: Incoming: 32Mbps Outgoing: 60Mbps
- Audio: Input: 8 Channel (RCA) + IP Cameras inputs Output: 1 Channel (RCA) + IP Cameras outputs 2 Way audio
- Storage: 1 x SATA (Up to 8TB) 1 x eSATA (Up to 8TB)
- USB Port: 2 x USB2.0
- Network: R1-45: 100Mbps
- Alarm: Input: 8 (Dry-Contact) + IP Cameras inputs Output: 2 (Dry-Contact) + IP Cameras inputs
- PTZ / Keyboard: 1 x RS485 Protocol: Co/Pelco DP/Visca (IP Over ONVIF) Package Contents:
 - Digital Video Recorder
 - USB Mouse
 - DC12V Power Supply



SPECIFICATIONS

| NDAA Compliant | |
|------------------------------------|--|
| NDAA Compliant | Yes |
| General | |
| Technology | Hybrid DVR |
| Recording Modes | Schedule, Manual, Motion, Sensor, Analytics, POS |
| Format | "All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP) |
| Video Input | |
| Video Input (Max Analog) | 8CH Standard BNC + 4CH IP (over Network) |
| Video Input (Max IP) | 12CH IP (over Network) + 0CH Standard BNC |
| Video Output | |
| Video Output | HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot) |
| Dual Output | Mirrored |
| Audio | |
| Audio-In | 8CH RCA (2.0 Vp-p, 1 k Ω) (+IP Cameras) |
| Audio-Out | 2CH RCA (2.0 Vp-p, 1 k Ω) (+IP Cameras) |
| Two Way Audio | Yes |
| Audio Compression | G.711u |
| Events and Analytics | |
| SMD Support | Yes |
| DDA Analytics (On Analog Channels) | Yes(1CH) |
| For AHD Cameras | Line Crossing, Sterile Area, Smart Search |
| For IP Cameras | Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search |
| Pixel Based Analytics | Yes (Pixel Based) |
| Main Resolution and FPS | |
| IP Main Stream | 5MP and lower: 25/30FPS Per Channel |

| | |
|-----------------------------------|---|
| AHD | AHD 5MP Lite: up to 10FPS Per Channel, 4MP Lite / 2MP: up to 12/15FPS Per Channel, 2MP Lite / 1MP: up to 25/30FPS Per Channel |
| TVI | 5MP Lite: up to 10FPS Per Channel, 4MP Lite / 2MP: up to 12/15FPS Per Channel, 2MP Lite / 1MP: up to 25/30FPS Per Channel |
| CVI | 4MP Lite / 2MP: up to 12/15FPS Per Channel, 2MP Lite / 1MP: up to 25/30FPS Per Channel |
| CVBS Main Stream | CVBS: 960H: up to 25/30FPS Per Channel |
| Master Stream Over Network | 4Ch |

| Network (Substream) Resolution and FPS | |
|--|---|
| HD Analog | 1-25/30FPS@720P Per Channel (FPS Restricted to Master Stream FPS) |
| IP Sub Stream | 1-25/30FPS@D1 Per Channel |
| CVBS Sub Stream | 1-25/30FPS@D1 Per Channel |
| Substreams over Network | 60 (Outgoing bandwidth limit applies) |

| Remote view | |
|-------------------------|---|
| Max Channel View | 60Ch (Limited to Outgoing Bandwidth Capacity) |

| Video Compression | |
|--------------------------|-------------|
| Video Compression | H.265+H.264 |

| Record | |
|-----------------------|------------------|
| Recording Mode | Main Stream only |

| Remote Applications | |
|----------------------------------|--|
| User Access | 5 Users Online with Professional Authority Management |
| Mobile App | Provision Cam2 for iOS/Android |
| PC/Mac Software | Ossia VMS Standard / Enterprise |
| Plug-in free Web-Browser | Chrome, FireFox, Safari, Edge, Opera (All Limited to 4Ch Live View / Playback) |
| Plug-in based Web-Browser | Internet Explorer |

| Bandwidth | |
|-----------------|--------|
| Incoming | 32Mbps |

| | |
|---------------------------------|---|
| Outgoing | 60Mbps |
| Playback | |
| Local Playback Channels | 8Ch |
| Remote Playback Channels | 4Ch |
| Search Modes | Time-Slice, Time, Event, File Management, Smart Search |
| Backup | |
| USB | 2 USB 2.0 Port |
| Backup Format | AVI/DAT |
| Alarm | |
| Alarm-in | 8+IPC |
| Alarm-out | 2+IPC |
| Alarm Box Support | No |
| Storage | |
| HDD Max Capacity | 8TB |
| Total HDD Max Capacity | 8TB |
| Number of HDD | 1 |
| 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) |
| Protocols | TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P, POS |

SH-8100A5N-5L-V2

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|------------------------------|-----------------------|
| ONVIF | Yes (for IP channels) |
| Others | |
| Dimensions | W300xD250×H45mm |
| Power Supply | 12V/2A |
| Operation Temperature | 0°C ~50°C |

