



## 8CH PoE NVR 8MP/6MP/5MP/4MP/3MP/1080P/720P HD PoE NVR



HD Output



HD IPC



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail



STD



VCA

### Features:

- Support 8 CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/ 960H/DI/CIF IP video input
- Adopt standard H.265 and H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- Playback :8CH simultaneous playback
- Search : time slice, time, event, tag, smart search
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support POS information overlay on live view and playback
- Express and flexible backup via USB, network and so on
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web or CMS : preview, playback, backup, PTZ and configuration
- 8 PoE network ports; IPC can be directly connected to NVR; PoE power supply supported
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 4K output, true high resolution display
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

### Specifications:

|                     |                          |                                                                                                                                |
|---------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>        |                          | <b>SI003-P8</b>                                                                                                                |
| System              | OS                       | Embedded Linux                                                                                                                 |
| Video               | Network Input            | 8CH IPC input                                                                                                                  |
|                     | Network Input Resolution | 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/ 960H/D1/CIF                                                                     |
|                     | Output                   | HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024/ 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768                      |
|                     | Screen Display Mode      | 1/4 /6/8/9                                                                                                                     |
|                     | Compression              | H.265S /H.265+ / H.265 / H.264                                                                                                 |
| Audio               | Network Input            | 8 CH IPC audio input                                                                                                           |
|                     | Local Input              | RCA × 1 (for two-way audio)                                                                                                    |
|                     | Local Output             | RCA × 1                                                                                                                        |
|                     | Compression              | G.711(U/A)                                                                                                                     |
| Record              | Resolution               | 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/ 960H/D1/CIF                                                                     |
|                     | Frame Rate               | NTSC:30fps; PAL:25fps                                                                                                          |
| Playback            | Simultaneous Playback    | Max. 8 CH                                                                                                                      |
|                     | Search                   | Time slice / time / event / tag / smart search                                                                                 |
|                     | Smart Search             | Highlighted color to display the camera record in a certain period of time, different colors refers to different record events |
|                     | Function                 | Play, pause, FF, FB, digital zoom, etc .                                                                                       |
| Decoding Capability | Live View/ Playback      | 1 ×8MP@30fps; 6 × 1080P@30fps                                                                                                  |
| Alarm               | Mode                     | Manual, sensor, motion, exception, smart events                                                                                |
|                     | Input                    | Supports IPC alarm input                                                                                                       |
|                     | Output                   | Supports IPC alarm output                                                                                                      |
|                     | Triggering               | Record, snap, preset, e-mail, etc .                                                                                            |

|                                                                             |                                                   |                                                                                                                                                    |
|-----------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Network                                                                     | Interface                                         | RJ 45 × 1 (10/100/1000Mbps)                                                                                                                        |
|                                                                             | Protocol                                          | TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPs, 802.1x, RTSP, RTP, RTCP, WebSocket, SNMP, IGMP, ONVIF             |
|                                                                             | Incoming/<br>Outgoing<br>Bandwidth                | 80/80 (Mbps)<br><br>*When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR. |
|                                                                             | Client Connection                                 | Max. 64 users access                                                                                                                               |
|                                                                             |                                                   |                                                                                                                                                    |
| Face                                                                        | Face Detection<br>Performance<br>(AI by IPC)      | 8 CH                                                                                                                                               |
|                                                                             | Face Detection<br>Performance<br>(AI by Device)   | 2 CH                                                                                                                                               |
|                                                                             | Face Match<br>Performance                         | No                                                                                                                                                 |
|                                                                             | Statistical Graph<br>of Information               | Bar graph                                                                                                                                          |
|                                                                             | Statistical Mode of<br>Information                | Statistics by day, week, month, quarter as well as customized time period                                                                          |
| Video<br>Structure<br>Analysis                                              | Human/Vehicle<br>Classification<br>(AI by IPC)    | 8 CH                                                                                                                                               |
|                                                                             | Human/Vehicle<br>Classification<br>(AI by Device) | 2 CH                                                                                                                                               |
|                                                                             | Human/Vehicle<br>Attribute Analysis               | Yes (AI by IPC)                                                                                                                                    |
| Other<br>Functions<br><br>Mobile<br>Device<br>Storage<br>Backup<br><br>Port | Fisheye                                           | Supports fisheye dewarping via Web Client and mobile APP                                                                                           |
|                                                                             | Plate Recognition<br>(AI by IPC)                  | Yes                                                                                                                                                |
|                                                                             | OS                                                | iOS, Andriod                                                                                                                                       |
|                                                                             | HDD Interface                                     | SATA3.0 × 1, max 10T                                                                                                                               |
|                                                                             | Local Backup                                      | U disk, USB mobile HDD                                                                                                                             |
|                                                                             | Network Backup                                    | Yes                                                                                                                                                |
|                                                                             | USB                                               | USB 2.0 × 2                                                                                                                                        |

|        |                          |                                                 |
|--------|--------------------------|-------------------------------------------------|
| PoE    | Remote Controller        | Optional                                        |
|        | PoE Ports                | 100M RJ45 × 8                                   |
|        | Standards                | IEEE802.3AF/AT                                  |
|        | Output Power             | ≤ 72W                                           |
|        | Power Supply             | DC 48V/1.8A                                     |
| Others | Consumption              | ≤ 10W ( without HDD )                           |
|        | Dimensions (mm)          | 300 × 249 × 45( W × D × H )                     |
|        | Working Environment      | -10 -50 °C, 10% - 90% humidity                  |
|        | Certificate              | CE, FCC                                         |
|        | Environmental Protection | Complies with Directive EU RoHS, REACH and WEEE |

## Rear Panels:

SI003-P8

