



## **ST-EM128NVR-4U**

128 Ch 4k, H.265 NVR

# FEATURES

- Support 24HDD , HDD's hot-swap and RAID 0,1,5,6,10 are all supported
- Flip-open chassis, prepositive slot type HDD installation , reliable and easy-maintainable
- Support 24HDD , HDD's hot-swap
- Support i8sS supper protocol , plug & play , IPC no needs IP
- Support Third-party ONVIF, RTSP standard network camera
- Support ONVIF outward passageway, can compatible with ONVIF standard Video management soft-ware, and support GB28181 standard protocol
- Support 4K video preview , storage and playback
- Support H264+, H264 encoding device self-adaptive connection
- 2x HDMI, 2x VGA heterologous output, support 4K high resolution output
- New GUI, support start recording with one key
- Support IPC centralized management, including IPC parameter configuration, information import/out-put, two-way audio, upgrade, etc
- Support double password to do video playback and backup
- Support motion detection data filler when do playback, support video summary playback
- Support time-phased playback, assigned the video to multi-screen do different playback at same time
- Support smart search, playback and backup
- Support smart channel grouping
- Support instant playback for screen preview during multi-channel display mode
- Max support 16ch 1080P playback and multi channels reverse playback
- Support multi-channel image play and thumbnail play
- Support smart detection like: target counting, goods leave over, goods loss, area

## Technical Specification

|                            |              |   |
|----------------------------|--------------|---|
| Operation System           |              | Embedded LINUX system   |
| Image Code Control         |              | Image code quality adjustable, variable bit stream                          |
| Dual Stream                |              | Each channel can set main stream and sub stream                             |
| Video Standard             |              | H.264/H.265 self-adaption   |
| Monitoring Image Quality   |              | 4K/5MP/3MP/1080P/960P/720P  |
| Image Motion Image         |              | Each screen can set multiple detection areas and set 6-level sensitivity    |
| Recording Playback Quality |              | Any 1ch/4ch/9ch/16ch playback simultaneously                                |
| Region Cover               |              | Every channel can set 4 cover regions                                       |
| Recording Mode             |              | Support manual, auto, motion detection, alarm trigger record mode           |
| Backup Way                 |              | Support HDD, U-disk, USB mobile HDD, USB DVD-RW, network storage and backup |
| Bandwidth                  |              | 640 Mbps for incoming and outgoing  |
| Operation Way              |              | Mouse, keyboard   |
| Local Login                |              | User name and password  |
| Recording Storage          |              | Local HDD, network  |
| External Ports             | Video Input  | 128ch input, support 4K/5MP/3MP/2MP<br>H.265/H.264 5M/CH                    |
|                            | Audio Input  | According to network video channel number do 1:1network audio input         |
|                            | Video Output | 2×VGA+2×HDMI  |
|                            | Audio Port   | 1ch RCA input,1ch RCA output  |
|                            | Network Port | 2×10M/100M/1000M  |
|                            | RS485 Port   | Full duplex standard 485 ports  |
|                            | USB Port     | 1×USB3.0,2×USB 2.0  |
|                            | Alarm Input  | 16ch  |
|                            | Alarm Output | 16ch  |
| HDD                        | HDD Port     | 24×SATA+1×E-SATA HDD port   |
|                            | Max Capacity | Each port supports MAX 8TB HDD  |

## Technical Specification

|                      |  |
|----------------------|--|
| Power Supply         | ATX110-220V 400W 50-60Hz   |
| Network Protocol     | ONVIF ,IPv4, UPnP ,NTP ,SADP ,PPPoE .DHCP,DNS ,<br>DDNS , NFS , SMTP, etc. |
| Power consumption    | ≤50W(without HDD)  |
| Working Temperature  | -10°C~+65°C  |
| Working Humidity     | 10%-90%  |
| Size                 | 431.5mm×600mm×177.5mm  |
| Weight (without HDD) | 23kg   |
| Installation Way     | Desktop installation, standard cabinets installation                       |

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT



[sales@sensortec-eu.com](mailto:sales@sensortec-eu.com)



[www.sensortec-eu.com](http://www.sensortec-eu.com)



Sydney House, 62 Lancaster Way, Ely,  
Cambridgeshire, CB6 3NW, UK.