



4K H.265 16HDD NVR

SR-NP128FK16-ER

Key Features

- Embedded Linux
- Support 128CH 4K IP camera input, corresponding channel of face recognition
- Support on-site photo, 5000 face library, batch import, export face database.
- Support RAID0, RAID1, RAID5, RAID6 and RAID10.
- Support NVR smart analysis
- Maximum storage capacity up to 128 TB
- Hot-swap status LED panel
- Dual Gigabit LAN ports
- Support network HDD (IPSAN, NAS), double password authentication.
- Redundant power supply

Product Specifications

| VIDEO | SR-NP32FK08-ER |
|------------------------------|--|
| Network Video Input | 128 CH |
| Network Access Bandwidth | 640Mbps |
| Video Compression | H.265+/H.265 /H.264 |
| Video Output | 1 CH VGA output (1920×1080@60Hz 1280×1024@60Hz) 1 CH HDMI output (3840×2160@30Hz, 1920×1080@60Hz, 1280×1024 @60Hz) |
| Video Preview Mode | 128 CH preview |
| Video Bit Rate | 16-16000Kbps |
| Video Resolution | 4K/5MP/3MP/1080P/960P/720P/D1 |
| Image Display | 1/4/6/8/9/16/25/36/64/128 image Display |
| Snapshot Mode | Support timing snapshot, manual snapshot, JPEG format |
| Motion Detection | Support 396(22*18) surveyed area can be set in every screen and multi-level sensitivity adjustable |
| Privacy Mask | Support 4 zones |
| Intelligent Detection | Support smart IPC intelligent function: Target Count, Electric Fence, Face Detection, Humanoid Detection, Retrograde Detection, Leave Position Detection. |
| AUDIO | |
| Audio compression | G.711u |
| Audio input | 1 CH RCA port (IPC complex audio input) |
| Audio output | 1 CH RCA port |
| Bidirectional talk input | Bi direction Talk, RCA portx |
| VIDEO RECORDING AND PLAYBACK | |
| Video Frame Rate | 1-30fps |
| Record Mode | Manual, Schedule, Motion Detection, Timing, Alarm, Stop |
| Playback Ability | Support 1CH 4K/4 CH 4K/9*3Mp/ 16CH 1080P record sync playback |
| Playback Mode | Instant playback, Local video, local image, External file playback |
| Record Search | Time, calendar, channel search, event search, (ANR, regular video, motion detection video, alarm video, intelligent detection video) |
| Video Playback | Start, stop, normal play, back play, forward 30 seconds, backward 30 seconds, fast play (1-256X), slow play(1-1/32X), frame play, display the hidden progress bar, backup, snapshot, full screen, roller amplification time bar precise playback |
| STORAGE AND BACKUP | |
| Storage Interface | 16 SATA, 1 E-SATA |

| | |
|--------------------------------|--|
| HDD Capacity | Single max.8TB |
| Disk Grouping | According to video channels to set HDD quantity |
| Disk Quota | According to video channels to set HDD storage capacity |
| Backup Location | Local, network, IPSAN |
| Array type | Hot swappable HDD interface with Raid0, Raid1, Raid5, Raid6, Raid10 |
| Backup Method | USB mobile hard disk, U disk, network backup |
| ANR | Support Smart IPC (with SD card) ANR |
| FUNCTION | |
| Network Protocol | IPv4, IPv6, FTP, TCP/IP, HTTP, HTTPS, DDNS, SMTP(SSL), DHCP, PPPoE, UPnP, NTP, P2P, QoS, SNMP, ICMP, IP Filter |
| Interface Protocol | ONVIF Profile S & Profile G, RTSP |
| Protocol port | ONVIF/RTSP/HTTP/HTTPS/RTMP port customized |
| Mobile Surveillance | Support Apple, Android |
| Internet Explorer | Support IE, Chrome, Firefox, Safari |
| Display Function | Channel shortcuts: Instant playback, 3D positioning, show smart detection, Show Face Detection, Voice Intercom, Channel Audio DTPR : HDD Info, alarm info(arming/disarming), device list (display whether IPC online, record type, structure (customized channel classification, facilitate quick preview), group round touring, desktop menu can be hidden |
| Digital Zoom | 12X |
| Zero Channel Configuration | Support |
| Other | Support dual password authentication, zero passage |
| IPC timing | Manual/auto/timing/reconnect timing to IPC timing |
| Event Actions | Send email, audible warning (buzzer), alarm on monitor, upload to center control room, record, snapshot, preview, PTZ linkage |
| Network Detection | Flow monitoring, Network Wireshark, Network test |
| User Management | Users add, delete, modify, permission management Auxiliary users (secondary password protection) |
| Manage IPC | Modify IPC parameters, IPC upgrade |
| EXT INTERFACE | |
| Network Interface | 2XRJ45 10M/100M/1000M adaptive Ethernet port |
| Alarm Input | 4 CH alarm input |
| Alarm Output | 4CH alarm output |
| RS232 | NA |
| RS-485 | Support |
| USB Interface | 2, USB2.0, 1, USB3.0 |
| GENERAL | |
| Power Supply | Dual Redundant, AC110~220V, 50Hz~60Hz(Power plug can be selected) |
| Power Consumption | ≤50W (Without HDD) |
| Operation Temperature/humidity | -10°C ~ 55°C/10% -90% |
| Dimension(mm) | 485(H)*545(W)*135(H) mm |
| Weight/PCS(g) | 14 Kg |
| Certification | E, FCC, EN-60950-1, IEC-60950-1, IS 13252 (Part 1): 2010, BIS Registered |

***Note:** Note: Sparsh offers customised products and solution as per site or customer requirements, minor changes in specifications and appearance are warranted and tracked version wise for customized requirements.

* The latest product information / specification can be found at sparshsecuritech.com