

Network Video Recorder

SR-NF128FK14-E

Key Features

- Third-party Network Cameras Supported
- Up to 4K Resolution Recording
- HDD Quota and Group Management
- 4xRJ45 self-adaptive 10/100/1000 Mbps network interfaces
- Support Intelligent Analysis Process
- Support JBOD, RAID0/1/5/6/10/50/60
- Smart Search &Recording, Plug Play
- Support ANR Function
- Support N+1 Hot Standby Function
- 2x HDMI, 2x VGA, Different Video Source, Max Resolution 4K
- 24SATA (Up to 10TB), Alarm I/O 16/8, Audio I/O 1/2, 3x USB



CE FC



Product Specifications

Model	SR-NF128FK14-E
Video/Audio Input	
Operating System	Embedded Linux
IP video	160-ch
Video/Audio Output	
Through-put	Income 1280Mbps; Outcome 640Mbps
Multi Monitor	Support 2X HDMI & 2 X VGA
Video Window	Support
HDMI	2-ch Resolution:3840×2160,2560×1600,2560×1440,1920×1080,1280×720,800×600,1024×768,1366×768,1440×900,1280×800
VGA	2-ch Resolution: 1920×1080,1280×720, 800×600,1024×768, 1366×768,1440×900,1280×800
I-Frame Record	Yes
Audio in/out	1-ch /2-ch (3.5mm), Two-way Audio
Audio Compression	G.726, G.711
Synchronous Playback	3×12MP, 5×4K, 8×5MP, 10×4MP, 16×1080P, 16×720P
Decoding	
Video Compression	H.265+/H.265/H.264H/H.264M/H.264B
Bit rate	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Frame Rate	25/30FPS
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability	3×12MP, 5×4K, 8×5MP, 10×4MP, 20×1080P, 40×720P, 80×4CIF
Playback Capability	3×12MP, 5×4K, 8×5MP, 10×4MP, 16×1080P, 16×720P
Video Playback	Start, Stop, Normal Play, fast Play, Forward, Backward, Next Camera, Previous camera, Repeat, Full Screen
Display Split	1/3/4/6/8/9/10/13/16/20/25/36/40/64/80/160
Digital Zoom	Upto 16X
Network	
Remote Connection	160
Browser	Support all browsers, including IE, Safari, Chrome, Edge. (H.265 only supports configuration in non-IE kernel browsers)
Mobile Software	P2P/IP for IOS & Android
Protocol	IPv4/IPv6/TCP/IP/UDP/HTTP/SSL/MULTICAST/RTP/UPnP/QoS/DHCP/PPPoE/DNS/DDNS/NFS/FTP/NTP/HTTPS/RTSP/RSTP/RTCP/SMTP/SADP/SNMP/IGMP/ICMP Etc
Email	Activated by Alarm
ANR	Yes
Advanced	Remaining Bandwidth Display

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Hard Disk	
SATA	24SATA for 24 HDDs (Hot Swap)
eSATA	1 eSATA interface
Capacity	Up to 10TB Capacity
NTFS Files System	Yes
HDD Management	Group and Quota, Customized Recording Days
RAID	
RAID Mode	JBOD, RAID0/1/5/6/10/50/60 (>0°C, Each Raid Group Supports up to 100Mbps Input)
Hot Backup Disk	Overall and Raid Hot Backup Disk
RAID Management	One-key Configuration, and Support Manual and Auto Rebuild
Redundant Recording	Yes
External Interface	
HDMI Output	2ch
VGA Output	2ch
Network Interface	4X RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
Serial Interface	2X RS-485, 1X RS-232
USB Interface	1x USB3.0, 2x USB2.0
Alarm In/Out	16/8
Advanced	
NAS	NFS Protocol
Image Flip	Supported, Only for Sparsh Enterprise Series Cameras
Hot Standby	N+M Hot Standby
Corridor Mode	Supported, 16:9 to 9:16, Only for Sparsh Enterprise Series Cameras
Video Analytics (VCA)	Camera VCA Function, including Tripwire/Double Tripwire/ Tampering /Perimeter/Intrusion/Line Crossing/Object Abandon/Object Lost (Removal)/Loitering/Running/Parking/Face Detection/Face Recognition/Crowd/On duty Detection/Face Counting/Object Counting/ People Counting/Alert/Auto tracking/Heat map/Video Abnormal Detection/ Text-IN /Audio Abnormal Detection/Video defocus diagnosis/Video scene transformation diagnosis (Fort End Camera Support Required)
Smart Search	Quickly Search Target Videos according to Channel No., Records Type, Records Time, File Type, Thumbnail, Bookmark, Time-Lapse and VCA (Only for Sparsh Enterprise Series Cameras)
Authentication	Multi-Level User ID / Password
User Management	User add, delete, modify, Permission management
Event Trigger	Alarm POP Up, Email, Alarm Out, Audio Alarm, Buzzer, PTZ Preset Call function
Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Lost/Video mask
Smart Recording	Set Recording Bite Rate for Different Time
Alarm Recording	Pre-Alarm Default 10s (5/10/15/60s Optional) Post Alarm Default 10s (10/15/30/60/600s Optional)
One Key Control	Intercom, Recording, one key adds
Records Format	SDV, MP4
Records Tag	Supported
ONVIF	ONVIF (Profile S, G, T)
Remote Administration	HTTP Web Client, Desktop Client Software
Client Software	Live View, Playback, Full Device Control, E-MAP
System Update	Network Update
Security	
Records Encryption	Supported
Cyber Threat Protection	Telnet Closed, HTTPS (SSL/TSL), HTTP (SSL/TSL), Watermarking, Multi-level User Access
General	
On Screen Language	English

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Power Supply	Dual Redundant, AC100~240V,50/60HZ
Consumption (without HDD)	≤ 80W
Working Temperature	-30 °C ~ +60 °C (+14 °F~ + 131 °F)
Working Humidity	10 % ~ 90 % RH
Chassis	4U, Rack Mount
Dimensions	542×485×174 mm
Weight	≤17Kg (without HDD)
Certification	CE, FCC, IS 13252(Part 1), BIS Registered

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