SecuRex
Meeting Your Security Needs

S-FD-NVR1004-4P Series

Network Video Recorder

Key Features:

- 4ch real-time recording & playback simultaneously
- 4 PoEPorts
- 40Mbps recording bandwidth
- Max. 4M QHD input
- Support ONVIF Profile S
- Support H.264, H.264+(*) Dual Codec
- Support 10TB HDD, 1 internal SATA HDD
- Support Camera auto detection and simple registration (Add Camera Wizard)
- Integrated with specialized solutions (Alarm bell, Home Network, etc.)
- Support wire-wireless USB keyboard connection
- Support Remote DVR (Remote DVR/NVR control)
- Industry-first HTML5 Web viewer

Specification

Model		S-FD-NVR1004-4P
VIDEO INPUT	**Channel**	4CH IP video input
	Protocol	WESP, Onvif Profile S
	Format	H.264, H.264+(*)
	Resolution	1st stream: 720p~4M, 2nd stream: Max D1
	Performance	40Mbps
	Stream	RTSP over TCP, RTSP over HTTP
	PoE	4 PoE/PoE+ ports (Max 25.5W/port, Total 50W)
VIDEO OUTPUT	**Port**	1HDMI, 1VGA
	Format	HDMI : 1080p, VGA : 1920×1080
	Modes	Duplicate : HDMI, VGA main
	Display	Main: 1, 4 split-screen
RECORDING	**Compression**	H.264 / H.264+(*)
	Resolution	1st stream: 720p~4M, 2nd stream: Max D1
	Rate	Total 120 fps, Max 30fps/ch @ 4M

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Model		S-FD-NVR1004-4P
	Bitrate	1st stream : Max. 8Mbps, 2nd stream : Max. 2Mbps
	Mode	Manual&Event/ Schedule&Event/ Emergency
	Schedule	24hrs / 7days
PLAYBACK	**Mode**	Instant Playback / Search
	Speed	1/16x, 1/8x, 1/4x, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x
	Search type	Time/Calender, Event, Thumbnail(Time, Motion), Text
	Block playback	1day ~ 99days
EVENT & ALARM	**Event source**	Motion detection, Sensor input, Video Loss, Text input, System
	Event check Schedule	24hrs / 7days
	Event action	Buzzer, E-mail, FTP, Video pop-up, Camera Preset, Mobile Alarm Push, System alarm
	Text input	POS/ATM support, AVE VSI Pro/Hydra support
SYSTEM ALARM	**Event source**	HDD fail. HDD almost full, Password fail, WRS/DDNS fail, Recording Fail
	Event action	Pop-up Message, Buzzer, E-mail, Mobile Alarm Push
AUDIO	**Input/output**	1 RCA (0.5 Vpp) input / HDMI & RCA output
	Compression	G.711
	Direction	Both
PTZ	**Protocols**	IP Camera with Onvifprotocol & WESP protocol
NETWORK	**Interface**	1 Fast Ethernet RJ-45 port (10/100Mbps)
	Protocol	WESP, HTTP, RTSP/RTP, (Onvif), UPnP, RADIUS, TCP/IP, UDP, ARP, ICMP, DHCP, PPPoE, SMTP, SNMP, SNTP, TLS
	DDNS	WNS, DynDNS, NoIP, WRS
	TX Performance	60Mbps
	NTP	Mode : Server / Clinet / Both, Server : Public / Private
	Users	10 Monitoring, 4 Playback, 1 Configuration tool
	Service Streaming	Remote DVR
SECURITY	**User level**	1 admin, 10 users
	User privilege	Menu, PTZ, Playback, Power off, Copy, Network MIC, Camera Setup
	IP filtering	10 IP address ranges
STORAGE & BACKUP	**Storage devices**	1 SATA HDD
	RAID Level	Not supported
	File system	High-performance proprietary file system, Data-loss protection against power interrupt

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Model	S-FD-NVR1004-4P
Capacity	Max. 128TB, 10TB HDD Supported
Backup type	Multi-channel exe file, Single channel avi file, JPEG(Capture)
Backup device	2 USB 2.0 drive (1 front, 1 rear), FAT32(Max 32GB), NTFS
S.M.A.R.T.	Health checking and alarm, Reallocation sector monitoring and alarm

SERIAL & I/O		
	Serial port	Not supported
	Sensor input	sensor of IP camera
	Relay output	Not supported

CONTROLLER		
	Device	Joystick Keyboard(option), Mouse

SOFTWARE		
	HTML5 Webviewer	Monitoring / Event / PTZ / Playback for browser supporting / HTML5
	ActiveX Webviewer	Monitoring / Event / PTZ / Playback for IE
	Smart Phone App.	Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android
	CMS	Control Center, Max. 1024 Units
	SDK	ActiveX(COM) SDK

ENVIRONMENTAL & PHYSICAL		
	Dimension	260(W)×224.9(D)×47.6(H)mm
	Weight	0.8kg
	Operating Temperature	5°C ~ 45°C (41°F ~ 113°F)
	Operating Humidity	80% below, free of condensation
	Power	DC 48V 1.25A, 50/60Hz
	IPFR	Not supported
	Power Consumption	Max 5.3W without Storage

Dimensions

<Rear View>

224.9

<Side View>

260

47.6

<Front View>

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