

HIGH PERFORMANCE H.265 NETWORK VIDEO RECORDER

VV-NV3416-FP4ST1 16 CHANNEL PoE NVR



FEATURES

ONVIF Supported

Up to 16 Megapixels Resolution Display and Recording

H.265+ video compression technology with real time encoding

Full function CMS (Central monitoring software) supported

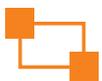
Two way audio supported

2x Gigabit (10/100/1000) network port

Dual streaming technology to encode recording stream and network stream separately

Supports remote monitoring on Mobile Client (Android, IOS) and IE

Support face detection and comparison



TCP/IP



Motion
Detection



E-mail
Alert



Mobile
Monitoring

TECHNICAL SPECIFICATIONS

WV-NV3416-FP4ST1

System	Operating System	Embedded Linux Operating System
	Multiplex Operations	Simultaneous multi-channel real-time recording, playback, network operation, USB backup
	User interface	Support 16-bit true color graphical menu interface and mouse operation
Bandwidth	Incoming / Outgoing	192 Mbps / 192 Mbps
Interface	IP Video Input	16-ch
	Two way Audio Input	1-ch, RCA
	VGA 1 Video Output	1920 x 1080 / 1280 x 1024 / 1024 x 768
	HDMI 1 Video Output	3840 x 2160/1920 x 1080 / 1280 x 1024 / 1024 x 768
	HDMI 2 Video Output	1920 x 1080 / 1280 x 1024 / 1024 x 768
	Audio Output	1-ch, RCA
	Alarm Input / Output	16/4
	Network	2 x Gigabit (10/100/1000) ethernet port (RJ45)
	USB	USB 3.0 x 1, x USB 2.0 x 2
	RS485	Yes (full-duplex), connect to PTZ or keyboard
Resolution & Frame Rate	Recording Resolution	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
	Frame Rate	NTSC: 30fps; PAL: 25fps
	Playback Resolution	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
	Simultaneous Playback	Max 16CH
	Multi-screen Display	1/4/6/8/9/13/16 (live view) AUX output: 1/4/6/8/9 (live view) Max. 16+9CH local live view
	Live View/ Playback	Non-AI Mode: 1x16MP@30fps/4x8MP@30fps/9x3MP@30fps/16x2MP@30fps AI Mode: 1x16MP@30fps/4x6MP@30fps/9x3MP@30fps/16x720P@30fps
Compression	Video Compression	H.265S/H.265+/H.265/H.264
	Audio Compression	G.711(U/A)
Network & Remote Monitoring	Protocols	TCP / IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
	DDNS	Supported; Dynamic and Static IP support
	CMS	Full function CMS (Central Monitoring Software)
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth control	VBR/CBR
	Client Connection	Max. 64 users access
Features	Security	Password Protection, User Management
	Playback Function	Play, pause, FF, FB, digital zoom, etc.
	Playback Search	Time slice / time / event / tag / smart search
	Alarm Mode	Manual, sensor, motion, exception, smart events, etc
	Alarm Triggering	Record, snap, preset, e-mail, etc.
	Alarm Notifications	FTP, SMTP, Email notification supported
Face	Face Detection Performance (AI by IPC)	16CH
	Face Detection Performance (AI by Device)	2 CH (2MP)
	Face Match Performance	6CH
	Comparison Capability	18 pictures / second
	Face Picture Database	32 libraries 10000 Face Pictures

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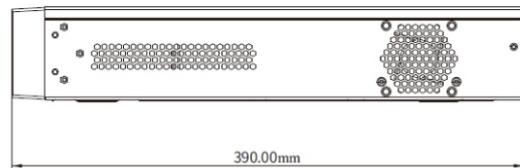
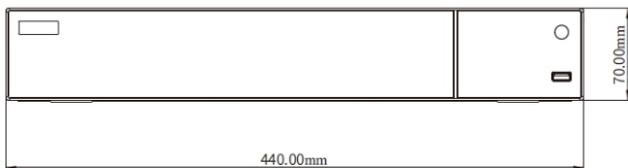
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	Face Picture Search	Search by picture is supported
	Database Management	Add, modify, delete and search face pictures
	Face Picture Adding	Add face pictures through APP, WEB and external import
	Face Picture Comparison	Supports allow list, block list and stranger match alarm
	Track	Track display on a map
	Statistical Graph of Information	Bar graph
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Perimeter Protection	Human/Vehicle Classification (AI by IPC)	16CH
	Human/Vehicle Classification (AI by Device)	2CH (2MP)
Video Metadata	Human/Vehicle Attribute Analysis(AI by IPC)	2CH (2MP)
PoE	PoE Port	RJ 45 100Mbps x 16
	Standard	IEEE802.3AF/AT
	Output Power	≤ 150W
Recording & Storage	Record Stream	Dual stream recording
	Storage	SATA 4, up to 10TB each
	E-SATA Interface	E-SATA x 1
	Network Backup	Supported
General	Power Supply	ATX 300W(PoE)
	Power Consumption	<20W (without HDD and PoE power supply)
	Operating temperature	-10°C to + 50°C
	Working Humidity	10% ~ 90%
	Dimensions	440 x 390 x 70(W x D x H)mm
Certifications	Certifications	CE, FCC, RoHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

Dimension

Unit: mm



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