

HIGH PERFORMANCE H.265 NETWORK VIDEO RECORDER

VP-NV3416-FP4ST1 16 CHANNEL SMART PoE NVR



FEATURES

- Up to 8 Megapixels Resolution Display and Recording
- Supports Smart Analytics with Face Detection & Comparison
- H.265 video compression technology with real time encoding
- Full function CMS (Central monitoring software) supported
- Two way audio supported
- 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



VCA



Motion
Detection



E-mail
Alert



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TECHNICAL SPECIFICATIONS

VP-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 In/Out	160Mbps/ 160Mbps
Interface	IP Video Input	16-ch
	Audio Input/Output	1-ch, RCA (2.0 Vp-p, 1kΩ)/ 1-ch, RCA (2.0 Vp-p, 1kΩ)
	Video Output	1-ch, Resolution: 1920 x 1080 / 1280 x 1024
	HDMI Video Output	1-ch, Resolution: 4K x 2K / 1920x1080 / 1280 x 1024
	Alarm Input/Output	8ch/ 4ch
	Network	1 x Gigabit (10/100/1000) ethernet port, 16 x PoE ethernet port (RJ45)
	USB	USB 3.0 x 1, x USB 2.0 x 1
Resolution & Frame Rate	Recording Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
	Frame Rate	Main stream: 25 fps (P) / 30 fps (N) Sub stream: 25 fps (P) / 30 fps (N)
	Playback Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
	Max playback capability	16 ch playback
Network & Remote Monitoring	DDNS	Supported; Dynamic and Static IP support
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
	CMS	Full function CMS (Central Monitoring Software)
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth control	VBR/ CBR supported
Features	Security	Password protection, User management
	Playback Function	Play/ Pause/ Fast forward/ Backward/ Digital zoom
	Search Mode	Time/ Date/ Alarm/ Motion Detection/ Tag/ Event/ Smart AI Search
	Alarm Triggering	Record, Snapshot, Preset, Email
Face Detection & Comparison Feature	Channel	16ch
	Face Picture Database	16 libraries, 10000 Face Pictures
	Computing Capability	240 pictures / minute
	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 local PC
	External face picture enrollment	Resolution- 64 x 64 to 1920 x 1080 Size-less than 200KB Format- jpg
	Face Picture Comparison	Supports Allow list and Block list alarm
	Face Trace	Supported
	Map of Face Trace	Resolution- 600 x 300 to 3840 x 2160 Size-less than 200KB Format- jpg
	Statistic Graph of Face Information	Bar graph, Pie chart
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period	

TECHNICAL SPECIFICATIONS

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Recording & Storage	Recording Mode	Manual/Alarm/Motion Detection/Continuous
	Storage	4 SATA port up to 8TB each
General	Power Supply	ATX 250 W
	Power Consumption	<15W (Hard disk not included)
	Operating temperature	-10°C to + 50°C
	Working Humidity	95% or less (non condensing)
	Dimensions	440 x 390 x 70 mm
	Weight	≤ 2Kg (without hard disk)
Certifications	Certifications	UL,CE,FCC,RoHS

*Actual product and specifications may differ from the images appearing in the brochure and are subject to change without notice due to ongoing product development.

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