vantage
keeping you safe

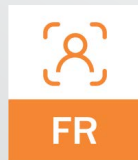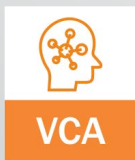# HIGH PERFORMANCE
H.265 NETWORK VIDEO RECORDER

VP-NV3416-2ST1
16 CHANNEL AI NVR

FEATURES

Up to 8 Megapixels Resolution Display and Recording

Supports Smart Analytics with Face Detection & Comparision

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

H.265 COMPRESSION

VCA

Motion Detection

E-mail Alert

FR

Onvif (UL) CE FC RoHS

VP-NV3416-2ST1

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
	Two way Audio Input	1-ch, RCA (2.0 Vp-p, 1kΩ)
	Video Output	1-ch, Resolution: 1920 × 1080 / 1280 x 1024
	HDMI Video Output	2-ch, Resolution: 4K x 2K / 1920×1080 / 1280 x 1024
	Audio Output	1-ch, RCA (2.0 Vp-p, 1kΩ)
	Network	1 x Gigabit (10/100/1000) ethernet port
	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 & Comparision Feature	Channel	16ch
	Face Picture Database	16 libraries, 5000 Face Pictures
	Computing Capability	180 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 70KB Format- jpg
	Face Picture Comparison	Supports Allow list and Block list alarm
	Face Trace	Supported
	Map of Face Trace	Resolution- less than 2560x1920 Size-less than 512KB 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

VP-NV3416-2ST1

Recording & Storage	Recording Mode	Manual/Alarm/Motion Detection/Continuous
	Storage	2 SATA port up to 8TB each
General	Power Supply	DC 12V
	Power Consumption	<15W (Hard disk not included)
	Operating temperature	-10°C to + 55°C
	Working Humidity	95% or less (non condensing)
	Dimensions	380 × 268 × 52 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.