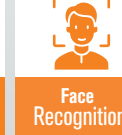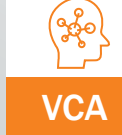**vantage**
keeping you safe

HIGH PERFORMANCE
NETWORK VIDEO RECORDER

VP-NV3432D-R8ST1
32 CHANNEL AI NVR

FEATURES

Up to 8K Megapixels Resolution Display and Recording

H.265+ video compression technology with real time encoding

Preview, record, playback, backup and remote access are supported

Full function CMS (Central monitoring software) supported

Support RAID 0, 1, 5, 6, 10

Support face detection and comparison

ONVIF Supported

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

Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, etc.

H.265+ COMPRESSION

Two Way Audio

eSATA

VCA

Face Recognition

www.vantagesecurity.com

ONVIF CE FC RoHS

TECHNICAL SPECIFICATIONS

VP-NV3432D-R8ST1

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	320Mbps / 320Mbps
Interface	IP Video Input	32-ch
	Two way Audio Input	1-ch, RCA
	VGA Video Output	VGA × 1 : 1920×1080, 1280×1024, 1024×768
	HDMI Output 1	7680×4320@60,7680×4320@30,3840×2160@60,3840×2160@30,1920×1080, 1280×1024,1024×768
	HDMI Output 2	3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768
	HDMI Output 3	3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768
	HDMI Output 4	1920×1080, 1280×1024, 1024×768
	Audio Output	1-ch, RCA
	HDMI Audio Output	Supported
	Network	2 x Gigabit (10/100/1000) ethernet port (RJ45)
	USB	USB 3.0 x 1, x USB 2.0 x 3 (Front:2)
	Alarm Input	16 CH
	Alarm Output	8 CH
	RS485 Port	Yes (full-duplex)
	RS232 Port	Yes
	Multi-screen Display	1/4/6/8/9/13/16/25/32/36
Resolution & Frame Rate	Video Compression	H.264/H.265/H.265+/H.265S
	Audio Compression	G.711(U/A)
	Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
	Frame Rate	25fps (PAL) / 30fps(NTSC)
	Live View	1CH 16MP@30 / 4 CH 12MP(only available for main output)
	Playback	1CH 16MP@30 / 4CH 8MP(only available for main output)
	Max Playback Capability	Max 16 ch playback
Network & Remote Monitoring	Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, 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
	Client Connection	Max. 128 users access
	Bandwidth control	CBR (Manual) supported
Face Detection	Face Detection Performance (AI by IPC)	32CH
	Face Detection Performance (AI by Device)	4CH
	Face Match Performance	16CH
	Comparison Capability	36 pictures / second
	Face Picture Database	32 libraries 10000 Face Pictures
	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

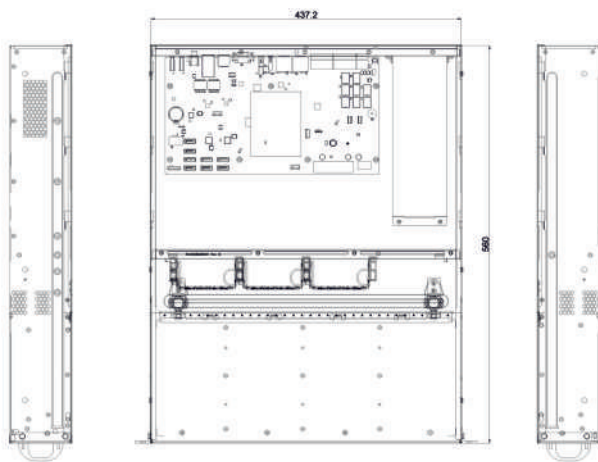## VP-NV3432D-R8ST1

	Face Picture Comparison	Supports successful face recognition alarm and stranger match alarm
	Face Track	Track display on a map
	Statistic Graph of Face Information	Bar graph
	Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period
Video Structure Analysis	Human/Vehicle Classification (AI by IPC)	32CH
	Human/Vehicle Classification (AI by Device)	8CH
	Human/Vehicle Attribute Analysis	Yes, supported
Features	Security	Password protection, user management
	Playback Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.
	Search Mode	Time slice/time/event/tag/smart search
	Alarm Mode	Manual, sensor, motion, exception, smart events
	Alarm Trigger	Record, snapshot, preset, e-mail, etc..
Recording & Storage	Recording Mode	Manual/timed/motion/sensor/POS/AI recording
	Storage	8 SATA port up to 10TB each
	e-SATA Interface	e-SATA × 2
	RAID	RAID0, RAID1, RAID5, RAID6, RAID10 supported
	Reset	Supported
General	Power Supply	Single or redundant, AC100V~240V
	Power Consumption	<50W (Hard disk not included)
	Operating temperature	-10°C to + 50°C
	Working Humidity	90% or less (non condensing)
	Dimensions	560×437.2×88mm
Certifications	Certifications	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.

DIMENSIONS

Unit: mm