**vantage**
keeping you safe

# HIGH PERFORMANCE
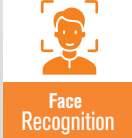## H.265+ NETWORK VIDEO RECORDER

## VP-NV34128D-R24ST1
### 128 CHANNEL AI NVR



## FEATURES

Up to 16 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

ONVIF CE FC RoHS

## VP-NV34128D-R24ST1

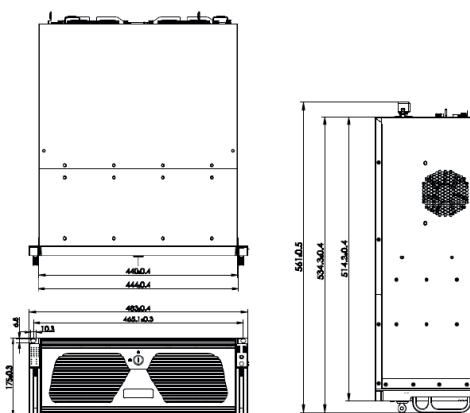| | | |
|---|---|---|
| **System** | Operating System | Embedded Linux Operating System |
| | Multiplex Operations | Simultaneous multi-channel real-time recording, playback, network operation, USB backup |
| | User interface | Support 16-bit true color graphical menu interface and mouse operation |
| **Bandwidth** | Incoming/Outgoing | 768Mbps / 768Mbps |
| **Interface** | IP Video Input | 128-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 | 4 x Gigabit (10/100/1000) ethernet port (RJ45) |
| | USB | USB 3.0 x 1, x USB 2.0 x 3 (Front:2) |
| | Alarm Input | 24 CH |
| | Alarm Output | 8 CH |
| | RS485 Port | Yes (full-duplex), connect to PTZ or keyboard |
| | RS232 | Supported |
| | 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 / 4x12MP (only available for main output) |
| | Playback | 1CH 16MP@30 / 4x8MP(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) | 128CH |
| | 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-NV34128D-R24ST1

| | | |
|---|---|---|
| | 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) | 128CH |
| | 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 | 24 SATA port up to 10TB each |
| | e-SATA | e-SATA × 2 |
| | RAID | RAID0, RAID1, RAID5, RAID6, RAID10 supported |
| | SFP Interface | SFP × 2 |
| | Storage Expansion | Mini SAS × 2 |
| 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 | 483×515×175mm |
| 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