

VT-TNV128E1

Transcendent 128 Channel 12 MegaPixel Enterprise Class Network Video Recorder



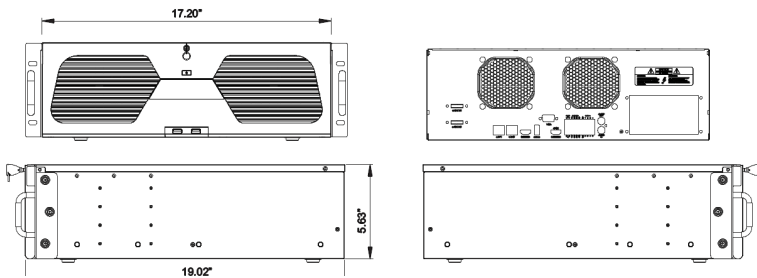
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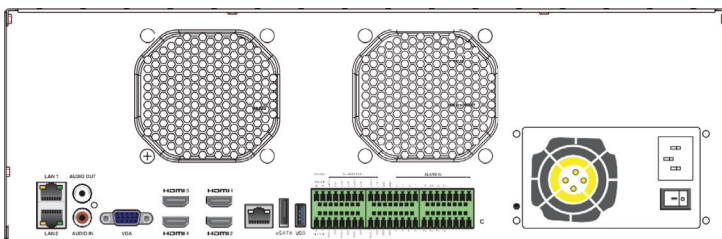
KEY FEATURES

- 128 Channel Stand-alone Real-time IP Network Video Recorder
- HDMI1: 3840 × 2160 @60fps / 3840 × 2160 @30fps / 1920 × 1080 / 1280 × 1024 / 1024 × 768, HDMI 2-4: 1920 × 1080 / 1280 × 1024 / 1024 × 768, HDMI 3: 1920 × 1080 / 1280 × 1024 / 1024 × 768, VGA1: 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
- Fully Programmable Gen. III Intelligent Analytics: Face Detection, Target Counting, Intrusion, Region Entrance / Exit, Line Crossing, Scene Change, Video Blur
- Advanced Processor Enables Facial Detection/Recognition Even While Using Standard (Non-Analytic) IP Cameras (Maximum 4)
- Facial Detection up to 128 Cameras using Face Detection Enabled IP Cameras
- Facial Recognition (Capture and Identification) for up to 16 Cameras Using Face Recognition Enabled IP Cameras
- Supports Facial Detection with 128 Ch. / 10,000 Image (32 Library) Database, 36 images / sec. Comparison, Facial Search-by-Picture and Face Tracking
- H.265+ / H.265S / H.265 / H.264 Video Compression
- Plug and Play & Auto Configuration for Leading ONVIF Compliant IP Cameras
- Dual Gigabit LAN Ports
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 16 Internal SATA2/SATA3 HDD Slots supporting up to 160TB (16 × 10TB HDD) Internal Storage + eSATA for External Expansion
- RAID 0, 1, 5, 6, 10
- 24 Local Alarm Inputs, 8 Output / 128 IP Camera (Network) Alarm Inputs (Camera Dependent)
- RS232, RS485 & Network Based PTZ Control
- Off-Site Cameras may be Populated for Remote Viewing and Recording on Open NVR Channel Positions via Internet.
- Applications for iOS® & Android®
- Remote Viewing over LAN or Internet via Web Browser
- Mac OS® Client & CMS Central Management Software Included
- Supports Dynamic and Static IP Addresses
- Web-based Remote Configuration
- 3-Year Warranty

DIMENSIONS



REAR PANEL



SPECIFICATIONS

Network Input	128 IP Channels up to 12 MegaPixel, 640Mbps
Video Output	HDMI-1 up to 3840 × 2160 @ 60fps HDMI-2~4 up to 1920 × 1080 VGA up to 1920 × 1080
Recording Compression	H.265+ / H.265S / H.265 / H.264
OS	Embedded Linux
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Audio Over IP Input, HDMI Audio Out	128 (Camera Dependent), YES
2-Way Audio / Local Output	Local In / Out
Recording Streams / FPS	Dual Stream (CBR & VBR) / 30 (NTSC)
Recording Modes	Manual / Timer / Motion / Sensor / Analytics
Simultaneous Playback, Search / Smart Search	Max 16 CH, Time Sliced Image Search, Time/Calendar Search, Event (Motion, External Alarm), Tag Search
Intelligent Analytics	Gen. III Face Detection, Target Counting, Intrusion, Region Entrance / Exit, Line Crossing, Scene Change, Video Blur
Face Detection / Recognition Capacity	Up to 4 Standard (Non-Analytic Cameras) Det: 128 IP Cameras with FD / Recog: 16 IP Cameras with FR
Face Det.: Channels Database	128 CH., 32 Libraries (10,000 Pics), 36 pictures per second
Face Det.: Search by Picture	Add, Modify, Delete and Search Face Pics (App, Web, Local PC)
Face Det.: Adding Face pics	Resolution (128×128 - 1920×1080), jpeg below 70KB
Face Det.: Face Trace Map	Resolution (2560×1920), jpeg below 512KB
Alarm Modes	Sensor, Motion, Video Loss, IP Conflict, Disk Error, Illegal Access, Network Disconnection
Alarm In / Out	24 Inputs / 8 Outputs
Alarm Triggering	Record, Snap, PTZ Move, Alarm Out, E-mail
Network Interface	RJ45 10 / 100 / 1000 Mbps × 2
Bit Rate (Per Camera)	512Kbps ~ 10 Mbps (Adjustable)
Total Bandwidth	Display Priority 128Mbps / Network Priority 640Mbps
Dual-stream	Individ. Network Video Stream & Local Recording Stream, Set Separately
PTZ Preset	Auto Cruise, up to 255 Presets and 8 Cruises
Network Protocols	TCP/IP/UDP/DHCP/DNS/PPPOE/DDNS/Email/UPNP/NAT/ Telnet
External Interface / Reset	USB 2.0 × 2, USB 3.0 × 1, RS 485 (Full Duplex), RS 232 / YES
Remote Viewing	CMS / Web Browser / Mobile Platforms
Backup	Network, USB
SATA HDD	SATA x 16, max 10TB each (Total 160TB)
RAID	0, 1, 5, 6, 10
PTZ Protocol	Through Network
USB	USB 2.0 × 2 (for mouse and USB backup device) USB 3.0 × 1
Power Consumption / Supply	50w without HDD / ATX 300w
Working Environment	32° ~ 122°F @ 10% ~ 90% RH
Dimensions (WxHxD)	17.20" × 19.02" × 5.63" (437mm×483mm×143mm)
Net Weight	22lbs (10kg) without HDD



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An Eye On
Innovation