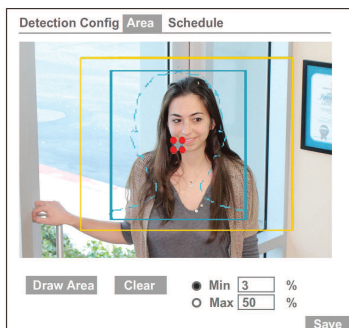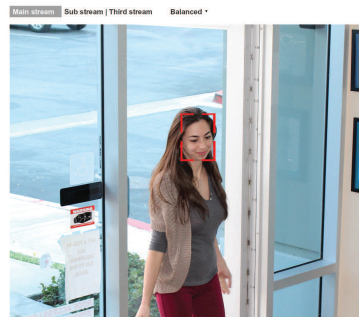Transcendent Series Stand-Alone Network Video Recorders offer simple and comprehensive search functions supporting advanced analytics and superior compression (H.265) for optimum storage capability. Models VT-TNR1616F and VT-TNR3216F support Facial Detection Search as well as Fisheye Camera De-Warping. Delivering up to 8MP (4K) recording in real-time (30fps per channel), and 4K HDMI video output, these recorders also share the robust yet simple Transcendent Mobile Applications and Highly sophisticated CMS as the Transcendent Coax based solutions.

FEATURES

- 16 Channel Stand-alone Real-time IP NVR
- Full 8 Megapixel Real-time recording & Playback (480fps)
- 4K HDMI & VGA Video Outputs
- H.265 / H.264 Video Compression
- Fully Programmable Intelligent Analytics including Face Detection, Object Removal/Museum Search, Line Crossing, and Area Intrusion Detection
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- Supports Facial Recognition and Detection with 16 Channels, and a 10,000 Picture Database
- Features Facial Search-by-Picture, with the ability to add pictures through App, Web, and Local PC

- Face Trace with resolution of 600×300 - 3840×2160
- De-warp fisheye images into 3 separate images which can be manipulated for closer inspection.
- 2 Internal SATA2/SATA3 HDD Slots supporting up to 20TB (2 x 10TB HDD)
- RS485 & Network Based PTZ Control
- Applications for iOS® & Android®
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Software Included
- Supports both Dynamic and Static IP Addresses
- Web-based remote configuration
- Control locally w/ included USB Mouse / IR Remote control

Facial Detection: Security personnel can determine who entered / left restricted areas and at what time.

Fish Eye De-Warping: Multiple Views include 360° Overview, Double 180° Panorama View, Quad View, Overview + 3 Views, and Single View

Rear Connections

VT-TNR1616F Specifications

Camera / Resolution	16 IP Channels up to 8 MegaPixel
Main Monitor Output	1 x 4K HDMI / 1 x 1080P VGA
Multi Operation	Pentaplex: Live Display / Record / Playback / Backup / Remote Acess
Recording Compression	H.265 / H.264
OS	Embedded Linux
Recording	480fps (30fps per channel)
Audio over IP Inputs	Up to 16 (Camera Dependent)
Local Audio In/Out	IN: RCA x 1CH / OUT: RCA x 1CH
Two-Way Audio	YES
Encode	CBR/VBR
Quality Levels	11 level (According to Bit Rate)
Recording Modes	Manual / Timer / Motion / Sensor
File Management	Reserving time, Redundancy, Dual stream recording
Local Playback	16 CH
Face Detection Channels / Database	240 pictures / minute
Face Detection: Search by Picture	Add, Modify, Delete and Search Face Pictures
Face Detection: Adding face pictures	Resolution (64×64 - 1920×1080), jpg below 200KB
Face Detection: Face Trace Map	Resolution (600×300-3840×2160), .jpg below 200KB
Search	Time sliced image search, Time/Calendar search, Event (Motion, External alarm), Tag search, Intelligence search
Alarm Modes	Sensor, Motion, Video loss, IP conflict, Disk error, Illegal access, Network disconnection
Alarm Inputs	IP Camera Dependent (No Local Input)
Alarm Triggering	Record, Snap, PTZ move, Alarm out, E-mail, etc
Network Interface	RJ45 x 1
Bit Rate (Per Camera)	12Kbps ~ 10 Mbps (Adjustable)
Total Bandwidth	112Mbps Incoming / 112Mbps Outgoing
Dual-stream	Individual Network Video Stream and local recording stream, set seperately
Network Protocols	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, Email, UPNP, NAT, Telnet
Remote Viewing	CMS / Web Browser / Mobile Platforms
Remote Users	10 Simultaneous Online Users
Backup	Network, USB
SATA HDD	SATA x 2, max to 10TB each
PTZ Protocol	Through Network
USB	USB 2.0 x 2 (for mouse and USB backup device)
Power Consumption	≤ 15W (Without HDD)
Power Supply	48 VDC
Working Environment	32°~122°F @ 10% ~ 90% RH
Dimensions (WxHxD)	15" x 1.75" x 11" (381 x 44.45 x 25.4mm)

IP NETWORK VIDEO RECORDER | 8MP CAMERA SUPPORT | HD RECORDING UP TO 8MP | REAL TIME OPERATION | FACE DETECTION | H.265 H.264 | 4K OUTPUT | 1920 x 1080 VGA OUTPUT | UP TO 20TB INTERNAL STORAGE | AUDIO IN/OUT | MOBILE APPS | CMS | MAC OSX | NETWORK PTZ CONTROL | eSATA HDD PORT

VITEK
INDUSTRIAL VIDEO PRODUCTS, INC.

28492 Constellation Road Valencia, CA 91355

An Eye On Innovation