

VT-SVRM10-A

NDA Compliant All-in-One Management Server for Security and Surveillance Applications



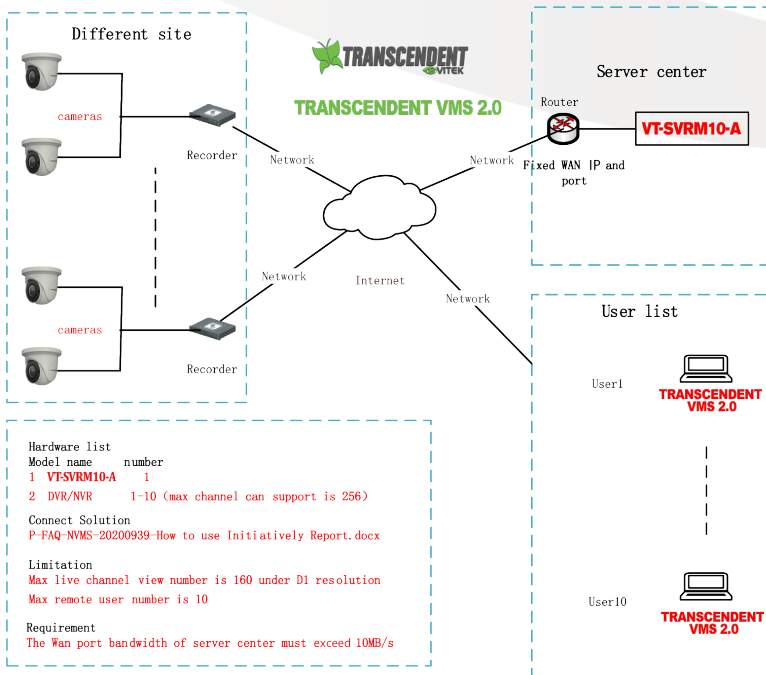
OVERVIEW

The VT-SVRM10-A is a management server designed and developed for security surveillance applications, with software that combines management, video preview and Intelligent Analytics. This low cost solution features flexible expansion and a simple set-up, making it ideal for small to mid-sized security systems.

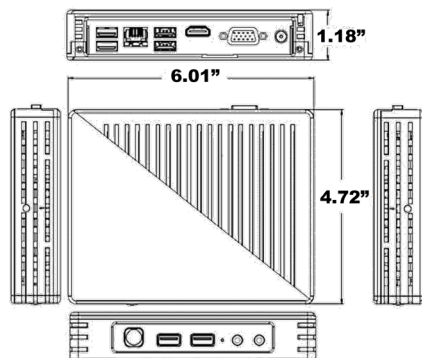
For full features and functionality, see pages 2-3.



SYSTEM MAP



DIMENSIONS



SPECIFICATIONS

CPU	Intel® Pentium 4405U
Memory	DDR4 8GB
Graphics Card	Integrated Graphics Intel® HD Graphics 510
Operation System	Linux
Software	VITEK Transcendent VMS 2.0
Decoding Capability	8MP: 4CH, 5MP: 8CH, 4MP: 14CH, 1080P, 33CH: 720P, 36CH: D1(or lower)
Max. Channel Access	256CH
Max. Device Access	64 NVRs/FR Servers
AI Capability	Integrated Face Detection IPC Mgmt, Face Match Servers, Face Rec. Terminals, Face Match NVRs, LPR Cameras
Access	Local GUI Access, External Mouse, Keyboard and Monitor, Multi-monitor Display
Protocol	Private protocol, SDK, ONVIF, RTSP,
Live View	Multi-Screen Display Mode, Customized Screen Display Mode, Corridor Mode, Channel Group Auto-switch, Stream Self-adaptation, Manual Record and Snapshot
Record Playback	Search Record by Time Period, Time Slice, Time and Tag, Synchronous / Asynchronous Playback, Record Backup
Alarm Linkage	Triggering Message Popup, Audio, Live View Window, Recording with Tag, Decoding on TV Wall
PTZ Control	Zoom In, Zoom Out, Preset, Cruise, 3D Control
System HDD	mSATA SSD 128GB
Data HDD	NO
HDMI Output	1CH HDMI @ 4K
VGA Output	1 VGA @ 1080P
Audio Output	1CH Line Out
Two-way Audio	1CH Mic In
Ethernet Interface	1×RJ45 10M/100M/1000M self-adaptive Ethernet port
USB Interface	6 USB ports: USB 3.0 × 2 Front panel, USB 2.0 × 2 Rear panel USB 3.0 × 2 Rear panel
Wi-Fi	1 × M.2 2230 (Optional)
Power	DC 12V/3A
Power Consumption	≤36W
Working Temperature	23~113°F (-5~45°C)
Storing Temperature	-4~158°F (-20~70°C)
Working Humidity	10%~95%
Dimensions (WxHxD)	6.06 × 4.72 × 1.19" / 154 × 120 × 30mm
Weight: Net, Shipping	1.04, 2.2lbs / (.47, 1kg)



VT-SVRM10-A

NDAA Compliant All-in-One Management Server for Security and Surveillance Applications



COMPREHENSIVE FEATURES

DEVICE ACCESS

- Vitek protocol, ONVIF protocol, standard RTSP, SDK
- Add devices by manually entering IP address, domain name or IP range, or by auto search / auto report
- Set the network of the devices before quickly adding them

RESOURCE MANAGEMENT

- Channel (or camera) group management and device area management
- Centralized management of decoding devices, encoding devices and platform services

DEVICE CONFIGURATION

- Basic configuration and user management of devices
- Date, time / time zone, network, email and DDNS configuration of devices
- Device HDD information retrieval
- Multi-OSD setup of one channel
- Set cameras' ROI, video mask and motion detection
- Supports intelligent analytics
- Adjust camera's resolution, frame rate, VBR/CBR, image quality and bit rate settings
- Configure camera's brightness, contrast, saturation, hue
- Multiple devices' parameters can be set simultaneously
- Supports configuring record plan for storage devices

USER MANAGEMENT

- Multi-user talk
- User MAC address binding
- User lock
- Different users and permission
- Permission based on resources and operation
- Permission can be assigned to each channel (or camera) of the device

SNAPSHOTS

- Snapshots in live view and playback mode
- Trigger camera snapshot

LIVE VIEW

- Multi-screen display mode:
1/4/6/8/9/10/16/11/7/21/25/33/36/49/64/84/100 standard disp. mode
2/4/6/7/9/12/16/24/36/48 wide screen display mode
- Customized screen display mode
- Corridor mode
- Add fish eye and panoramic cameras
- Channel group auto-switch
- Stream self-adaptation and one-key stream switch
- Stream copy
- Multi-monitor display
- Instant playback
- Decoding with hardware
- Device's smart area and result display

TWO WAY TALK AND BROADCAST

- Remote listening
- Two-way talk
- 8K or 16K audio sampling rate
- Multiple audio formats: G.711 a-law, G.711 u-law, G.722.1, G.726, ACC, MP2L2, PCM
- Voice broadcast and audio file customization

PTZ CONTROL

- PTZ remote cntrl incl. preset, track and cruise calling and settings
- Zoom in / out and focus + / -
- PTZ protocol configuration
- 3D positioning control (a target can be quickly positioned and captured by box selection)
- Scheduled tasks, one-button guard and one-button cruise configurations

RECORD PLAYBACK AND BACKUP

- Multi-channel simultaneous and asynchronous playback
- Multiple record source playback
- Multi-window playback
- Playback by channel, time slice, time, tag and event search
- Playback by frame, dragging the progress bar, fast forward or slow speed
- Record backup: manual backup, scheduled backup, backup by channel, time, tag and event search: supports cutting recordings and backing up in the playback interface

ALARM

- Multiple alarm types: Motion, sensor, smart-event linkage, line crossing counting linkage, face match linkage
- Multiple alarm linkages: Platform recording, client message pop-up, client preview, audio, decoding on TV Wall, device recording, device snapshot, local recording, local snapshot
- Arming or disarming.
- SOP (alarm handling process) configuration
- Alarm information export by time period
- Manual alarm output

DECODING ON TV WALL

- Works w/ decoders / matrix to control multiple video walls
- Supports 12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P
- Supports decoding on TV wall in the audio format of G.722, G.711A, G.711U or ACC
- Live view and playback on TV wall
- 1/4/9/16/25/36 screen mode
- Window merging and splitting, opening window and roaming
- Multiple splicing modes: 1x1, 1x2, 2x1, 2x2, 3x1, 3x2, 3x3, 4x1, 4x2, 4x3, 4x4, 4x5, 4x6, 4x7, 4x8
- P-i-P (Picture-in-picture) mode and roaming mode
- Up to 999 plans configurable
- Channel group and plan sequence view
- Plan task configurable
- Triggering decoding on TV wall - customized alarm window (unlimited)
- Notification of offline node



VT-SVRM10-A

NDAA Compliant All-in-One Management Server for Security and Surveillance Applications

VITEK[®]
INDUSTRIAL VIDEO PRODUCTS, INC.
VITEKCCTV.COM
(888) VITEK-70

An Eye On
Innovation



COMPREHENSIVE FEATURES CONT.

LINE CROSSING COUNTING

- Threshold settings of people / vehicle / bicycle entry / exit
- Daily, monthly people / vehicle / bicycle flow display by chart
- Historical people / vehicle / bicycle counting displayed in a histogram or curve graph and exported to Excel
- Supports single/multi-channel real-time statistics and daily/monthly/yearly statistics via E-map
- Historical data search by single/multi-ch., time period and line crossing: exported to a curve graph, histogram, or Excel

ELECTRONIC MAP

- Supports Picture maps: JPG, BMP, PNG and TIF formats
- Multi-level maps: adding, modifying, moving, deleting hot spots (monitoring points, sensor)
- Layer addition and display as well as self-defined layer
- Alarm linkage, such as icon flickering, video pop-up

FACIAL SURVEILLANCE

- Batch adding and importing face pictures with configurable personal attribute information
- Match boxes of strangers and people from allow and block lists are displayed with different colors.
- Alarm pop-up window after face capture or match
- Image search / playback by face pic (captured or uploaded face pic): all searched pics can be viewed via list or tracked on E-map
- One-key addition of captured pic to the face database in the image search interface
- Face search similarity setting
- One-key face pictures / database export

FACIAL ATTENDANCE

- Configurable Attendance time
- Display employees' photo and compared time after successful comparison
- Supports multi-screen display mode (1/4/9/16): Facial attendance video can be projected onto a sub-screen
- Attendance record can be viewed and filtered by day, week, month, working day / non-working day / late / leaving early / overtime work / normal work / check-in / lack of check-in
- Displays attendance status and overtime working status in list form, which can be exported to Excel

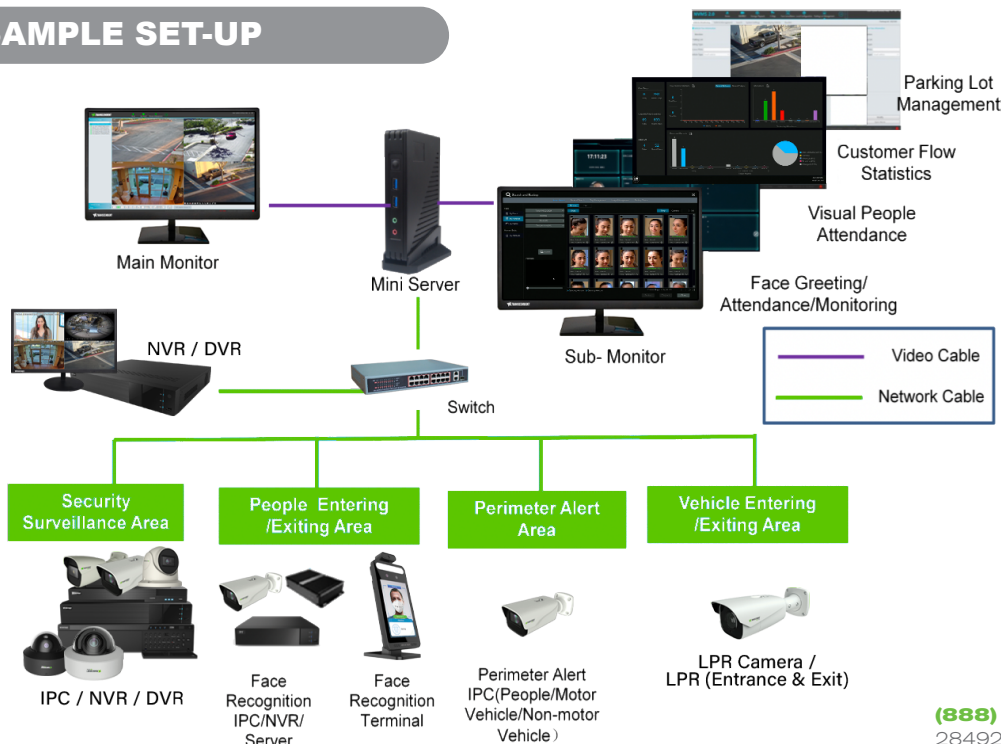
FACIAL GREETING

- Individually-defined Greeting interface style
- Real-time visitor information display on the client
- VIP visitor's photo shown on pop-up window of sub-screen and corresponding audio will be broadcast simultaneously
- Single visitor loop play time can be configured in seconds
- Configurable greeting pop-up window quantity, height, duration
- Visitor access records search
- License Plate Recognition camera access
- Total / remaining space display
- Barrier gate control, manual / auto opening
- Historical vehicle entering or exiting information search
- Adding, modifying, deleting vehicle info. and parking permission
- Entrance / exit lane configuration
- Search overstayed parking and self-defined overstaying threshold
- Block list management (add, modify, searching vehicles in block list)

OTHER

- Keyboard control, Overload protection, Operation / maintenance management: Operating, system and alarm logs can be searched and exported by time, type and user

SAMPLE SET-UP



(888) VITEK-70 | WWW.VITEKCCTV.COM
28492 Constellation Road Valencia, CA 91355

