

Vanguard Central Management Application

Guardian+ CMS-E



Vanguard Guardian+ CMS-E is the absolute top of the line. Large, powerful, and 'in-charge', it is general surveillance management center. It fully enhances the system performance and has user-friendly GUI. It is easy to install and operate.



Vanguard Guardian+ CMS-E

System

Main Processor	Intel 4 Core Processor
Operating System	Embedded Linux
Motherboard	Embedded Board (Non-Stop operation)
Memory	8GB DDR3
Capacity	Unlimited with distributed Master- Slave design – each unit can handle up to 500 Devices and 2000 IP cameras, 200 ONVIF
Failover	Supported – hot standby for master Server

Display Port

LCD	Display system information and status. Include: system time, the system hardware information, platform service running state
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Data Management

Hard Disk	One system disk and 15 disks local storage (max support 12TB HDD)
Raid mode	Single, Raid0, Raid1, Raid5

Ethernet Port

Ethernet Port	4 x 1000Mbps Ethernet port
Features	Four Ethernet ports bound load balancing or independent Ethernet port interfaces

Data Interface

Serial Ports	1 RS232 COM
USB	4 USB2.0 port

Intelligent functions

AI	64 Ch Facial Recognition channels, 64 Ch ANPR, Object Detection
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Role Management

Role Management	Add, edit and delete the roles and users. Assign different roles with different permissions. User can be assigned with the roles to obtain the corresponding permissions. User can be limited by the MAC and expiry data. User has PTZ permission. User can be locked. Support import domain user and assign roles to the user
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Event Management

Event Management	Detect the device exception, video events, alarm input and alarm host. Alarm Scheme: all day template, Weekday template, Weekend template and custom template. Alarm Priority: Low, Medium, High. Linkage: Record, Snapshot, Live video, Alarm output, PTZ, Video wall, E-mail. Add, edit, delete, enable and disable alarm scheme. Display event alarm info including alarm time, alarm name, alarm status, etc. View the live video or pictures from related camera. Acknowledge the event alarm. Arming control for event alarm. Forward the alarm to relevant user. Send alarm e-mail. Process the alarm
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Map

Map	Google online map, Google offline map, Raster map. Main map and sub maps. Up to 8-level sub map. Add, edit and delete the hot zone on the map. Add, edit and delete the hot spots (camera, alarm input) on the map. View the live video and playback on the map. Zoom in and zoom out the map. Decode the video to Video Wall quickly. Support to calculate the area or length for GIS map. Support visible range and initial angle. Channel flash on map when alarm is occurring.
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Face Database	
Face Database	Face Library Management, adding face one by one, import faces in Batches, Setup person Type for Face, Send Face Library to face Recognition devices and Config the Similarity.
Face Recognition	
Face Recognition	Automatically Capture Faces in the Camera Field of View, Extracts face attribute information for capture face, Real Time face comparison, quickly register face to face library, searching face via face attribute, searching face via uploading a face image, Generate the track for the specific face, generate daily, Weekly, Monthly attribute report based on gender and age
Live View	
Live View	Display device tree. Show/hide offline device. Display the device IP address or device name on the device tree. View real-time video. Common layout and custom layout. PTZ control. Manual recording. Snapshot. Instant playback. Digital zoom. Fisheye de warping Fisheye and speed dome smart tracking. Audio talk. Set alarm window. Decode the video to video wall quickly. Turn on/off the audio in live view. Region of Interest: Divide one window into 4 or 6 parts, one shows whole image, others show the detail. Display raster map in Live View. Save the current live view as a view. Max support 4 Live View tabs. Support adding channel to favorite. Video Tour by device, Org, Favorite, View. Fast switch to playback. Support NKB to control on Live View
Video Wall	
Video Wall	Decode the real-time video to wall. Decode the playback video to the Video Wall by decoder or matrix. Manually/automatically decode to wall. Control the Video Wall split. Change the stream type of video channel. Adding box, on/off screen and back display. Tour the video channel. Schedule plan: Set the running task on timeline. Tour plan: Loop different task, can set loop time
Vehicle Blacklist	
Vehicle Blacklist	Vehicle Black List Management, Vehicle blacklist arming and disarming, Import and export Blacklist
Personal Management	
Personal management	Person up to 200 Online and up to 2500 Users, Roles up to 100, Organization up to 10 Hierarchies, 99 organization per hierarchy
Personal management	Add, Edit, Delete the person and department
Others	
HDD Hibernation	Main thoroughfare through the backplane
Fault Alarm	Support for E-mail, beep, SDK, etc. For fault alarm
Power	10W~200W (With HDD) -100V~240V,47~63Hz, Hot-swappable
Work Temperature	0°C~50°C
Work Humidity	5%~90%(non-condensation)
Dimension	526mm*485mm*135mm

