

36~256CH CMS Contest Management System



OS	Windows 7、Windows 10		
Video codec	H.264		
Audio codec	G711u、PCM、AAC		
Function	Live mode : Normal Mode, Sequent Shift, Event Pop-up Mode Record Mode : Time Search, Size Search		
Live monitoring	Maximum 64CH Live View		
Play back	4CH Playback		

Suggest hardware	CPU	RAM	Capture Card
36~64CH	i5	8G	GT-1050
64~128CH	i7	16G	GT-1050-DDR2G
128~256CH	i7	16G	GT-1080-DDR4G

★Product specifications are subject to change without notice; please contact us for the latest information.~

VACRON CMS

Contest Management System

Central Graphic Control Image Management System Function

1. Works on Microsoft Windows Server 2003/2008, Windows 7/10 64-bit Versions
2. Provides more than seven languages, such as Traditional Chinese, for users to choose, and immediately change to the language system they apply without reinstalling the software.
3. System restores promptly after power cut.
4. It can integrate operation and control other peripheral systems (such as access control computer host, environmental control computer host, etc... WINDOWS system computer workstation) function operation and function operation screen process recording function
5. Can be used with license plate recognition platform system for unauthorized vehicle recording, IPCAM built-in I/O system to achieve lane entry fence control, on-road vehicle big data creation
6. The monitoring software can provide multiple monitoring modes and cooperate with the network design architecture. It must be able to adapt to the decentralized or centralized architecture. Users can achieve multiple software monitoring of multiple image servers without having to memorize the connection parameters.
7. For any personal computer in the regional network, wide area network, or the Internet, you can become a monitoring workstation and connect multiple connections to the client (the number of connections depends on the host performance and bandwidth).
8. Image monitoring needs to support GDI or DirectDraw mode, users can freely choose their mode according to hardware specifications.
9. Need to provide users to choose Unicast or Multicast connection server

Safety Verification

10. System login needs to specify the user authentication mode, including password authentication, group authentication and password authentication.
11. IP whitelist can be established, and the access permission and number of people limit, connection time, etc. can be defined. The viewing permission setting can be subdivided into CH and support for at least 100 groups.

Live View

12. Provides a tree-directory mode and the accessible cameras list. User can easily switch cameras or group.
13. With live Log display and event Log intelligent search and quick click record display corresponding image data function
14. Prompt recording after OS reboot. Different groups of profiles corresponding to different registrant.
15. Full screen display all tool options hidden.
16. Splice Liquid Crystal Display support up to 64 channels.
17. You can freely set any physical screen to access the historical image data window, and the electronic map can also be displayed on a specific display.
18. With the management system, live view monitoring screen needs to support 64-split screen and more split modes for users to set according to the site environment.
19. Default split division - 1/ 4/ 9/ 16/ 25/ 36/ 49/ 64/ dial
20. Split the screen in CH, and drag the arrangement order according to the importance of setting up the camera on site.
21. There is an automatic memory function, which can remember the latest log out of the system's split mode and video channel, and automatically load the memory split mode the next time you log in.
22. With remote recording function, users can instantly record video from remote software and directly access images through dedicated software.
23. With image transmission optimization and change function, load pre-set image configuration files (such as screen resolution, number of frames to be transmitted, etc.), and immediately apply to the screen, so that users can easily change the monitoring mode.
24. Users can play back historical data directly in the instant image window, and provide single channel and multi-channel playback.
25. Sequent view needs to provide the user to freely set sequent view, sequent view needs to be provided, the split screen, the single channel, the resolution automatically switch. The user can set the interval between the hops and the interval between the hops and the interval between 1 second and 100 seconds.
26. Screen display information including camera description, date, time, number of frames per second, image resolution, bitrate, and connection status.
27. The image of the split screen can be selected by the mouse. The lens must have digital zoom function and the camera with PTZ function can also be used for remote operation.

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- 28. The user can adjust and modify the camera description to display the watermark, label position, font size, color, and background effect.
- 29. For suspicious video channels, snapshots can be taken in the first time using the capture mode, stored in the client computer as saved or emailed.
- 30. It can support two-way audio transmission function, monitor image quality adjustment function, and can make remote setting control corresponding to camera motion detection.
- 31. The system main server provides NTP (Network Time Protocol) network calibration, and automatically performs daily and time-to-time functions with the digital image processor, so that the time of each digital image processor is the same, so that the image is read. There is no time difference when the information is available.
- 32. Provide configuration file export and import function, which can make the setting data of the site back up. If the monitoring PC is replaced or the on-site problem is clarified, the original setting of the case can be quickly restored and copied.

Event Search

- 33. Users can immediately search for event records without turning off or jumping off the video recording mechanism.
- 34. The event record needs to provide a user-defined search type. The type of event needs to be: event start time, event end time, alarm input, connection error, video error, motion detection, manual event, scheduled event, global event, intelligent analysis to reduce system search time.
- 35. Intelligent analysis records need to provide user-defined event filters, filter conditions need to be in and out, objects appear and disappear, stop, squat, cross-border detection
- 36. The event record needs to provide the user to directly play back the historical image according to the conditions.

Historical Data Playback

- 37. Need to support fast playback, read the time zone according to the system (this section needs to be subdivided into at least minutes). You can select fast playback in the interval, and you can play back the historical image according to the user's customized date and time.
- 38. Image playback requires image timeline for image access, timeline at least to minutes, to search for more subtle time points; display time watermark on the image
- 39. Easy backup, you can immediately perform related interval backup output function after querying related images.
- 40. Timeline dynamic data detection and analysis is required. During the dynamic occurrence period, the time axis can display different colors, providing users with quick judgment of displacement detection.
- 41. The video image data can be transferred to a still image (.Jpg file) and the event book backup function (.xlsx file) is provided for the user to play in the video-free software environment. The video can also be obtained through this exclusive player. The file information of the disc (installation device name, monitoring video number and recording time), as well as performing dynamic historical data detection and analysis, image adjustment and image re-transfer.
- 42. The video image data needs to be saved as a motion picture (.H264 file). The system needs to provide two or more compression formats, and the user can specify the length of time for the file to be transferred.
- 43. The support channel screens need to be customized, and the order of the monitor screens can be arranged according to the user's needs, and the position of the monitor channel can be freely dragged and stored, and multiple users can be logged in to display the memory arrangement mode.
- 44. AVI format video and JPEG format images must be automatically added to the camera name and date and time for the export file name to facilitate operator identification query
- 45. User and user group rules can restrict image playback and export rights, and the playback system can automatically close the playback data to avoid host performance being occupied.
- 46. Need to support two-way audio transmission function, live video quality adjustment function, can adjust the brightness, contrast, sharpness of the image at remote site