Smart Guarder Management System

VIG-US730AV

All-round superiority

· Instead of a remote control or proximity card, it is convenient for residents' vehicles to enter and exit.

· For the access control environment of community parking lots (license plate number recognition, access control RFID),

· Strengthen the safety control of vehicle entry and exit

· Avoid foreign vehicles occupying parking spaces

· There are photo archive records of incoming and outgoing vehicles for easy query.

· It can simultaneously support multiple lane license plate recognition operations.

· Support the entry and exit management of cars and locomotives.

· When non-resident vehicles enter, the administrator can be reminded through sound and warning screen.

· Provide visitor reservation, you can enter the visitor's car number and stay time in advance.

· The system operates fully automatically, reducing labor costs.

24hrs automatic monitoring and identification notification

For the community parking lot access control environment(license plate number recognition, access control RFID), it can assist managers in comprehensive management of personnel and vehicles entering and exiting the parking lot

Parking lot management automation

For vehicles in and out of the community, they actively identify themselves and then link fence machines for permission turn on and record, and can actually perform light notification or LED subtitle notification management to the blacklist.

Visitor parking authority management

Provide residents to apply for visitor vehicle number and basic information to log in and have set access authority management, and automatically compare records when customers visit and enter and exit the parking lot directly

SPECIFICATIONS

working system-	Windows 7 、 Windows 10
Video Encoding-	H.264
Audio coding-	G711u、PCM、AAC
Video mode-	Normal recording, event recording, integrated recording with external devices
Real-time monitoring-	The maximum 64CH real-time image
Video playback-	Support 4CH simultaneous playback

Recommended equipment

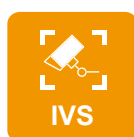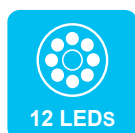|	CPU	RAM	Display card
16~36CH	i5	8G	GTX-1650
36~64CH	i7	16G	

*Product specifications are subject to change without notice
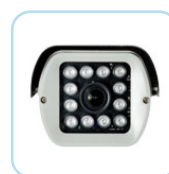
Host backup system

1. In order to ensure the flexibility of video surveillance, the video surveillance system must support different forms of storage space such as DAS, NAS or iSCSI (but a single storage format is a maximum of 4TB times multiple).

2. In order to prevent the recording host from malfunctioning and stop recording, the video monitoring system must support a backup structure. When any recording host is disconnected, other recording backup hosts will automatically take over the recording.

3. System fully supports ONVIF Profile S webcam.

4. The storage device of the recording host supports general hard disk, external hard disk and network disk.

5. Allows setting of 1 to 1, 1 to N dend N to N serv er backup failover functions.

6. In order to prevent the recording host from malfunctioning and stop recording, the video monitoring system must support a backup architecture. When any recording host is disconnected, the backup recording host will automatically take over the recording. (The takeover time will be completed within 1 minute)

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VIG-US730AV IP66

2 Megapixl IR Bullet IP camera

30 M

LENS 2.8~12mm

12 LEDS

1/2.9" CMOS

P.O.E

IVS

(Optional)

| SPECIFICATIONS

Mode-	VIG-US730AV
System-	Flash:16MB、RAM:256MB
Image Sensor-	SONY 2M Exmor CMOS 1/2.9"
Lens-	Varifocal 2.8~12mm
Filter-	Removable IR-cut filter for day & night function
Sensitivity-	0 Lux(IR ON)
IR LEDs-	12 LED
IR Range-	30M
Networking Interface-	10/100 Mbps, RJ-45
Networking Protocol-	IPv4, TCP/IP, DHCP, HTTP, RTSP, SNTP, DNS
Networking Browser-	Microsoft Internet Explorer 6.0

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| SPECIFICATIONS

IP Rating-	IP66
Power-	DC12V or PoE IEEE802.3af Class 0 (optional)
Max. Power Consumption-	3.6W(IR OFF),9.6W(IR ON)
Weight-	Netweight 1235kg
Dimension-	315.5 x 147x 116 mm
Operating Environments-	0℃~45℃
Optional features-	SD card recording/ BNC (Video Out) / RCA (Audio IN or OUT) / Alarm I/O (2 IN, 1 OUT) / Reset button (Please consult with the sales representative for detailed information)

Video-	Compression: H.264, MJPEG Streaming: Dual Codec (H.264、JPEG) Selectable Support Simultaneous multiple streams
Image Settings-	Adjustable image size, quality, and bit rate Time/Date stamp and text caption overlay. Adjustable image size, quality, and bit rate AGC / AWB / AES / BLC / WDR
Alarm and Event Managemnent-	Motion Detection Event notification using SMTP or FTP
Intelligent Video Surveillance-	Electronic Fence (optional) Abandoned Object Detection (optional)
Users-	8 clients on-line monitoring at the same time Multi-level user access control with password protection
Maintenance I/O-	Supports online firmware upgrade RJ-45 Ethernet x 1,DC Jack x1

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Video broadcast recording and storage management system

1. The platform software supports Onvif Profile S.

2. It can record more than 8 groups of IP (IP Camera or Video server) (included). It can be expanded to more than 64 groups of IP (IP Camera or Video server) (included).

3. The system adopts the Client-Server architecture. The server provides services such as database, video storage and broadcasting; the Server management software can be configured on one or more servers or workstations, allowing the administrator to manage flexibly; the Client software supports monitoring, Recall, transfer, and centralized monitoring allow monitoring personnel to flexibly deploy monitoring methods, and each workstation can perform basic operations according to authority through client software.

4. The system supports multiple work modes: recording, video playback, system function parameter setting,real-time video monitoring, alarm event search, server function status monitoring, and other tasks at the same time.

5. The connected equipment can be monitored in the system in real time, and the camera can be judged whether there is any loss of connection; if there is an abnormal state, it can generate a buzzer alarm or send a Mail & SMS to notify the relevant responsible personnel.

6. The system supports multi-streaming (Multi-Streaming) files, the number of video streams provides at least 10 sets of (inclusive) or more streaming sources for selection.

7. The system is equipped with the function of focusing on the source of the streaming file. The user can according to the actual needs of the image recording and real-time image monitoring function, and each designate the exclusive dedicated image streaming file source configuration and setting.

8. Can run normally on Microsoft Windows Server 2003/2008, Windows 7/10; 64-bit version.

9. Languages provide English and Traditional Chinese (inclusive) and above.

10. With a digital certificate system, it can create a digital signature for each recorded photo to ensure the authenticity of the image.

11. Support IPv4 and VPN cross-network setting function.

12. The system shuts down unstable due to a mains power failure. After the power is restored, the system will start automatically without manual intervention. The system will resume service immediately after the boot process is completed.

13. The image management system has a built-in mobile device image streaming system, which can receive and record images from mobile devices in real time through preset settings.

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Video broadcast recording and storage management system

14. Need to provide single-point (Unicast) and multicast (Multicast) functions to save the bandwidth required for remote workstation software networks.

15. There is no upper limit on the number of cameras that can be accommodated in the central monitoring terminal (at least 128CH), and the video receiving terminal depends on the performance of the hardware system (at least 64CH), and the MAC parameters of the camera cannot be locked, so as not to increase the trouble of future maintenance.

16. The monitor screen can set the text of the image anti-theft watermark, the position and size of the watermark can be set by yourself; and 32 characters can be input and the font color and matching background color can be adjusted according to the environmental needs to highlight the clarity of the watermark.

Recording performance/storage management /system settings/device management

17. A tree structure mode (Tree-directory) is required, and a light signal is required on the tree diagram; it allows the operator to quickly determine whether the equipment is abnormal, and a single software can control multiple image servers.

18. Allows setting of 1 to 1, 1 to N and N to N server backup failover functions.

19. Depending on the video compression format of the video terminal equipment, the system needs to be able to simultaneously record three (including) different video compression formats at the same time.

20. It has an advanced disk management system, and the system must provide the function of programmable disk space allocation; it is convenient to use to pre-plan the corresponding space of the hard disk to be installed to meet the requirements of the number of days of recording.

21. Required functions such as backup system recording folder and recording data hiding and encryption can be set

22. The video format of the video must comply with international standards MPEG-4, MJPEG, Wavelet, H.264, (inclusive) and above

Recording performance/storage management /system settings/device management

23. It can record and save computer screen images and other computer workstation screen images in MJPEG or MPEG4 or H.264.

24. Audio recording format: PCM, G.711u, and AAC (inclusive) and above.

25. Each independent window of the monitor display screen can display the time, date, number of currently connected frames, compression format, camera resolution, connection code flow rate, and camera name.

26. Event displacement trigger recording: 60 seconds before the alarm (pre-alarm) and 60 seconds (inclusive) after the alarm (post-alarm)

27. Supports connection to Open Network Video Interface Forum (ONVIF) video equipment.

28. With appropriate video terminal equipment, the central video management system needs to support a minimum of 140,000 frames and a maximum of 1,200 frames according to the various video sizes provided by the video terminal equipment. According to the video terminal equipment image compression format and transmission The stream frames are different, the central image management system can receive up to 60 frames per second (Frame Pre Second)

29. Set the camera to directly provide an image preview screen. The preview screen can support digital screen zoom, snapshot, and motion detection.

30. The compression ratio and the number of frames for image monitoring and recording can be set individually, and parameter files can be customized by the user to facilitate application in different network environments.

31. Capture the screen, keyboard and mouse of any computer connected to the Internet and running Windows and record the screen on the same storage medium as the CCTV for future search.

32. Users or groups that can individually specify video monitoring and video playback on video terminal equipment

33. The user can customize the name and camera description of each video terminal device. The description part can support up to 50 characters to display the label.

34. You can specify the connected device to monitor the remote workstation software, and you can immediately change its monitoring image resolution parameters by clicking with the mouse to save the image bandwidth and system performance during monitoring.

35. Each image needs to be stored in the set path and has its own format encryption; avoid the outflow of recorded data.

36. Requires built-in ONVIF imaging device scanning tool; and supports adding ONVIF certified cameras to avoid incompatibility with replacement cameras.

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