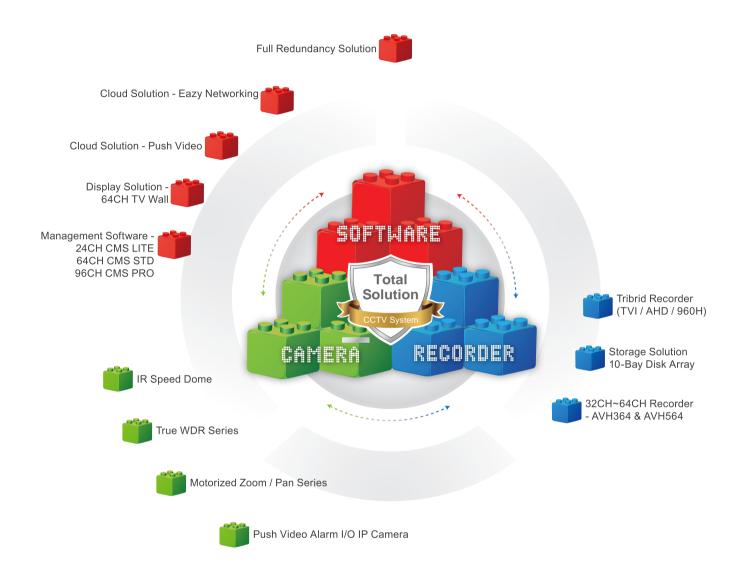


Turnkey standalone system for 1 to 1000+ cameras

Building a system as easy as stacking building blocks





Cloud Solution - Push Video



When detecting an event, our PUSH VIDEO products (DVR, NVR or IP camera) will immediately send an event notification to your mobile device within five seconds, and meanwhile, EagleEyes, our mobile surveillance app will be activated automatically for remote video playback.





Cloud Solution - EaZy Networking



Cloud EaZy Networking is a free P2P service to connect AVTECH devices to the Internet automatically by plug-and-play, enabling you to check the live view via your mobile device or laptop at any time. The live display is usually smooth unless your network environment is a private IP-based one. If you feel the live display is not fluent enough in the private IP-based network environment, you could subscribe one of the data plans AVTECH offers to enhance the data transmission. We've also offered 2GB data allowance as a gift on each device for you to experience when your network environment turns into a private IP-based one. When 2GB is used up, the network transmission will restore to its original status.



High Adaptability



Easily traverse in different types of networks

Cloud EaZy Networking supports a wide range of network types, making network configurations easier.

Buddy



Intuitively Operate, Easily Share

With the friendly design of Cloud EaZy Networking, sharing your monitoring video with your family or friends will be a piece of cake. You can easily share your account and classify your Buddy to many levels to share your authority of accessing the device separately. What's more, you are able to configure the life time of device access for each level to manage data resources.

Health Check



Device online / offline status in handHealth Check informs you of device login / logout events via the cloud service of Cloud EaZy Networking











EaZy Networking IP Camera

EaZy Networking NVR

EaZy Networking HD CCTV Tribrid DVR



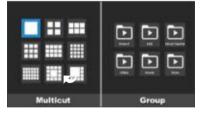
Management Software 24CH CMS LITE / 64CH CMS STD / 96CH CMS PRO



CMS Lite, the 24CH free software, is exclusively designed for monitoring multiple spots remotely. Common applications are chain stores and branch offices. Users can easily use functions such as live view, playback and backup with this software installed on a normal laptop. For advanced central control application, AVTECH provides you with 64CH CMS STD and 96CH CMS PRO. What's more, there are 16CH EagleEyes HD and 4CH EagleEyes for remote surveillance through tablets and mobile phones.



Live Flexibility



Live Group allows users to group the monitoring areas based on their needs.

Search & Playback



The specification of this playback system is the same as that of CMS PRO. The videos are categorized by events, so our users can easily find their target video segment.

16CH Recording at PC (VMS)



CMS Lite can not only back up the videos but also possess VMS function, enabling our users to skip the recorder and record directly.



Related Products

PC-Based CMS Software



96CH CMS PRO / 64CH CMS STD / 24CH CMS LITE

Mobile CMS Software



16CH EagleEyes HD / 4CH EagleEyes

Industries & Application



Display Solution - 64CH TV Wall



HDM02 64CH TV Wall is exclusively designed for users looking for a solution carrying less than 64CH. It is compatible with 1080i/60 devices and allows 64CH real-time live display efficiently by hardware decoding on HDM02. Also, users are saved from complex installation. The above characteristics make HDM02 64CH TV Wall a perfect program with high cost-performance ratio for consumers.

	HDM02 (Standalone PC-Free TV Wall)	CMS (PC-Based CMS TV Wall)	Remark
Live Efficiency	High	Average	64CH real-time live display on the TV Wall is available by hardware decoding on HDM02. Channel sequence and basic control are also supported. It is not confined to the CPU efficiency and network transmission efficiency like PC (via software) is.
System Cost	Low	High	There's no need to use any PC, switch and high-end network cable between HDM02 TV Wall and recorders, which effectively saves the installation cost.
Maintenance	Easy	Hard	When live lag occurs in CMS TV Wall, users need IT professionals to check CMS settings, network cables and the limitations of network bandwidth. Compared to CMS TV Wall, HDM02 TV Wall Plug & Play is easier to maintain even for general users.
Installation	Easy	Hard	HDM02 is easy to be installed (Plug & Play). Users only need HDMI cables and USB cables to build up the TV Wall. On the contrary, to build up CMS TV Wall, users have to configure the bitrate, frame rate, layout via the CMS software in addition to network settings.
Features	Live display under 64 channels with a single 42" or 52" monitor Easy to install (only need HDMI cables and USB cables) Easy to maintain High cost-performance ratio	Necessary to configure bitrate, frame rate and layout via the CMS software in addition to network settings	



Related Products





AVX916R HoC converter (HDMI over coaxial)



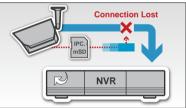
Full Redundancy Solution







Seamless Recording



When the NVR and IP cameras are disconnected, the recording task will switch to the cameras, and the recordings are saved to the microSD cards of the cameras. When the NVR and IP cameras are re-connected, the recordings saved in the microSD cards will be transferred to the NVR and saved in the hard disks without changing the original recording time. Users could still search the recordings they want by time on the NVR.

Failover System



A proportion of FOS NVRs will be assigned as failover servers to the whole surveillance system. Usually 1 FOS NVR shall be worked with 7 NVRs. When any of the NVRs is down, the FOS NVR will soon take over all the works the NVR was doing to keep the whole system working properly. Users could be notified of this take-over event by checking the health check on CMS, and take necessary actions.

HDD Redundancy (RAID5)



RAID5 is able to well preserve the video data when any hard disk is damaged or partially damaged. To change the hard disk, hot-swap is applicable without unplugging the whole system.



Tribrid Recorder (TVI / AHD / 960H)









The tribrid HD CCTV DVR supports TVI, AHD and 960H video signals for up to 2MP live display and video recording. It breaks the boundaries of different video systems and enhance the flexibility for system integration.



PUSH VIDEO



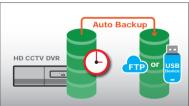
Every time an event is detected, the DVR will immediately send an event notification to your mobile device within five seconds, and meanwhile, EagleEyes, our mobile surveillance app will be activated automatically for remote video playback.

Cloud EaZy Networking



Cloud EaZy Networking is a free P2P service to connect AVTECH devices to the Internet automatically by plug-and-play, enabling you to check the live view via your mobile device or laptop at any time.

Auto Backup



Users can decide the interval and back up the video at will. The interval can be as long as a week or as short as an hour. From Monday to Sunday, 24/7, do the backup according to your needs.



Related Products











CCTV System / Recorder

32CH~64CH Recorder - AVH364 & AVH564



AVH364 is specially designed for users looking for a solution carrying less than 64CH such as a residential building, office, and factory. It's capable of 64CH live display on single monitor, providing 64CH TV Wall with live surveillance and basic functions like search, playback and backup. No need to go through PC and CMS software. Users can install up to 10 hard disks to build 4 recording modules, allowing users to configure different recording settings. What's more, AVH364 is equipped with 16CH Push Video, "pushing" video clips to users' mobile devices when intrusion events (e.g.PIR, door switch alarm) take place.



64CH TV Wall (Built-in)



AVH364 and AVH336 have the TV Wall design built-in. Users can set the TV Wall to 64CH, 36CH, 16CH, or 4CH based on their needs.

36-64CH Flexible Allocation



AVH364 is divided into 4 modules with the hard disk number of 3,3,2 and 2 respectively. Users can allocate recording resources based on their needs.

Support 16CH Push Video



The first four channels in every module are equipped with Push Video, that is, 16CH in total. Users can allocate the cameras' order based on their needs.



Related Products



64CH AVH364 36CH AVH336 10-bay disk array



64CH AVH564 45-bay disk array with RAID 5



AVX992 10-bay disk array (e-SATA)

AVX993 10-bay disk array (mini SAS / Used for AVH364 only)

AVX997 10-bay disk array with RAID 5 (eSATA) Industries & Application



CCTV System / Recorder

Storage Solution - 10-Bay Disk Array









AVX992 10-bay disk array

AVX997 10-bay disk array with RAID5

This standalone storage solution is able to fulfill the demand of high storage capacity to preserve video footage more than 30 days. It could be a 10-bay NVR with RAID5, or an AVTECH recorder with an eSATA interface built-in to connect to a 10-bay disk array, AVX992 or AVX997 with RAID5.



Features

HDD Redundancy (RAID5)



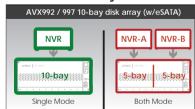
RAID5 is able to well-perserve video data when any hard disk is damaged or partially damaged. To change the hard disk, hot-swap is applicable without unplugging the whole system.

Elegant Appearance



The deluxe metal case appearance with matte silver finish attracts people's attention. Furthermore, the hard disk, fan and power module are designed to be easily installed and replaced.

Flexible Disk Array Mode



The disk array, AVX992 / AVX997, has two modes, Single and Both, allowing users to assign the disk array to be used with one or two recorders if needed. When two recorders are connected to the disk array via eSATA cables, and the mode is switched to "Both", the disk array will allocate five hard disks to one recorder for external video storage.



Related Products



16CH NVR (10-bay / RAID5)



AVX992 10-bay disk array (eSATA) AVX993 10-bay disk array (mini SAS / for AVH364 only)

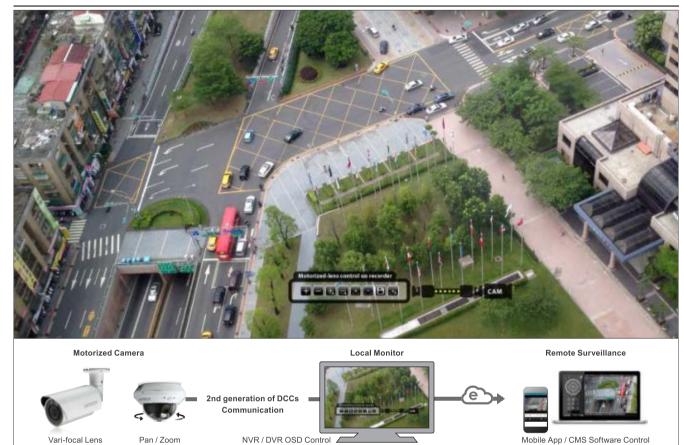


AVX997 10-bay disk array with RAID5 (eSATA)



CCTV System / Camera

Motorized Zoom / Pan Series



The 2nd generation of DCCS technology allows you to use existing coaxial cables to control the motorized lens & motorized pan cameras without connecting RS485 wires, and the motorized camera control can be easily made via AVTECH DVR OSD, IE browser and EagleEyes APP.



Motorized Zoom Lens



Remote Adjustmest

Equipped with a motorized zoom lens, this camera series eliminates the need to adjust focal length and focus manually on site. Installers could adjust camera focus and focal length remotely from the recorder or the mobile app, EagleEyes.

Motorized Pan

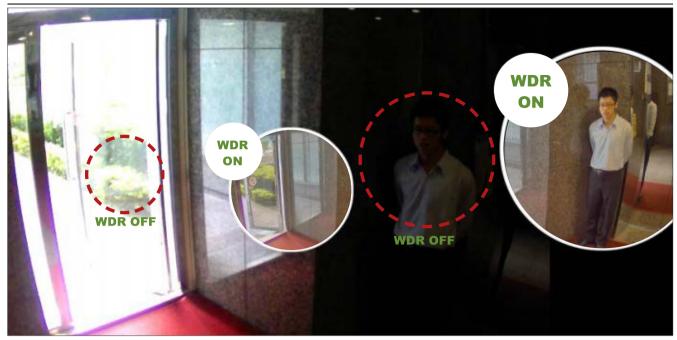


Sequence & Push Video Lock

The motorized-pan IR dome camera series supports sequence control, Push Video, and Push Video Lock via the mobile APP EagleEyes.



True WDR Series



The WDR design is used to increase image recognizability in overexposure and dark areas, such as surveillance of entrance doors which has a darker indoor environment comparing to the outside. This is very common in retail shop and building.



Tunnel: Vehicles entering a tunnel or parking garage with a high of luminance outside, and inside at low light levels.



Car License: Plate quick recognition of car license plates in B/W IR mode when the glare of the car light is too bright.





HD CCTV WDR Camera / 2MP WDR & 3MP DWDR IP Camera

CCTV System / Camera

IR Speed Dome



To meet the IR PTZ needs for different surveillance scale, AVTECH provides users two total solutions. For the small-scaled cases such as outdoor parking lots, there is an USB joystick going with the free recording software, 24CH CMS LITE. As for the large –scaled case such as shopping mall, there is an USB joystick going with 96CH CMS PRO, NVR / TVI DVR, and several IP or TVI IR speed dome cameras.

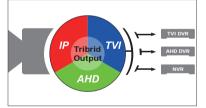


USB Joystick



Plug it with PC, NVR, and DVR. Easy to function: PTZ, AF, preset, cruise, sequence, auto pan, and further settings.

Tribrid



Compatible with recorder of different specifications: IP, TVI, and AHD. Easy to work with the software.

IR Turbo Mode



IR effective range up to 200 meters for night surveillance, and over 200 meters available in the IR Turbo mode.

Complete control options by:

Joystick, NVR / DVR local OSD (Hot Point), and AVTECH mobile APP touch control (EagleEyes)

DC / AC / POE support

Give several power options of installation (POE optional)

Health Check:

IR speed dome cameras are capable of self checking and sending push messages about abnormal events to your mobile devices via AVTECH mobile APP (EagleEyes) actively, effectively saving the maintenance cost.





AVM553 - S03X AVM554 - L10X AVM554 - L03X



AVM592 - IP Type AVT592 - TVI Type AVZ592 - Tribrid Type



4CH TVI DVR 8CH TVI DVR 16CH TVI DVR



96CH CMS PRO / 64CH CMS STD / 24CH CMS LITE



AVX102 USB Joystick

Industries & Application

Push Video Alarm I/O IP Camera



AVTECH Push Video IP camera series can be used to combine multiple sensors via its alarm I/O to build an alarm system. The alarm system not only sends text message but video clips to users' mobile devices to inform them of alarm events. The system can be applied to elderly caring, humidity control, CO2 control, access control, intrusion monitoring, and flood detection.



All-in-One IP Camera



Apart from basic camera functions, All-in-One IP camera series has a microSD card slot for recording. Besides, it supports microphone & speaker built-in for two-way audio transmission and external alarm I/O device connection.

Push Video - Event Notification



Every time the camera detects an event, it will immediately send an event notification to your mobile device within five seconds, meanwhile, EagleEyes, the mobile surveillance App will be activated automatically for remote video playback.

Cloud EaZy Networking (Selected Model)



Plug & Play:

EaZy Networking is adopted to simplify network configurations.

Buddy:

You can easily share your EaZy Networking account and classify your Buddy to many levels to access your cloud device separately.



Related Products

D1 Camera



AVN701AEZ EaZy Networking Cube IP Camera

.



AVN80X 1 white LED (10m) Cube IP Camera

1.3MP Camera



AVM807C Push Video IR Bullet IP Camera



AV803AEZ EaZy Networking Cube IP Camera

2MP Camera



AVM839 Push Video IR Dome IP Camera



AVM837 Push Video IR Bullet IP Camera



This system provides various solutions to surveillance management in different industries such as campus and chain stores, cutting down personnel cost of management and providing instant alarm notification of abnormal events.



Security System Extension

IVS Solution



An IVS card from the 3rd party is integrated to provide lots of powerful intelligent surveillance functions like Loiters, Taken Away, Left Behind and Virtual Fence. With the IVS card, AVTECH CMS "TRIDENT" could search events and play the video.



Features

People Counting



Please make sure the camera faces your target area and set up the walkers' route. The system will count the numbers of walker and conduct business analysis. What's more, CMS Event Monitor and Push Video will send notifications to users through mobile devices when there are abnormal events.

Loitering



Set up a specific area in which people are not allowed to stay longer than a certain period of time. When people stay in the area for too long, the alarm will be triggered and the system will notify users promptly through Push Video. This function could be used, for example, to the cashier area to control the queue length.

E-Map / E-Voice Notification



Users can record and assign different alert sounds for different abnormal events on different monitoring blocks of the map. The abnormality will activate the alarm, and the spot of the abnormal events will be shown on the map.



Related Products



64CH CMS STD





POS Solution



LPR Solution



IVS Solution



Thermal Solution

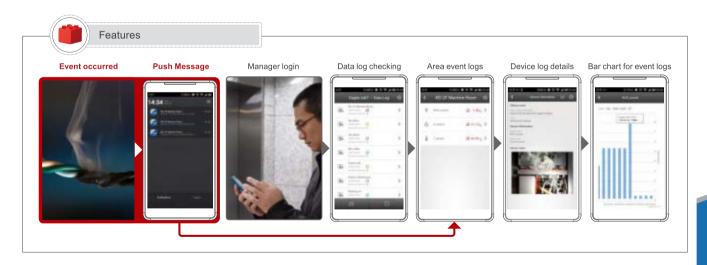


Security System Extension

Environment Management Solution



Get video and text notifications within 5 seconds on your smart phone when there's any change on electric current, temperature or humidity if you've installed orresponding sensors to monitor.





Access Control Solution (Gate Keeper)



Get video notifications within 5 seconds on your smart phone or CMS PC when anyone tries to access or enter your important areas, such as a warehouse, room for safety deposit box and bank coffer.



Access Control with Push Video



Send notifications in any specific area and time range, allowing managers to check video footages and know what just happened.

Access Log Export



The access logs are saved in the microSD card in the smart box (AVX950) and could be exported as a CSV file for monthly attendance

Abnormal Access Event Notifications



The administrators could set the blacklist and whitelist for specific employee ID or set the card reader to send Push Video notifications about abnormal events, such as an open door or tampered device.



Related Products



AVX950 Access Control Card Reader



AVX960 Smart Box



AVN80X Push Video IP Camera









HD CCTV Alarm I/O Camera & DVR

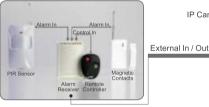


Security System Extension

Alarm Sensor Solution (Shop Watcher)



Wireless PUSH VIDEO Alarm Kit



IP Camera or HD CCTV Product



Mobile App / CMS Software



Get video notifications within 5 seconds on your smart phone or CMS PC when any sensor triggers an alarm-in event of AVTECH IP camera or recorder. You can also connect to different alarm sensors, such as a wireless PIR door sensor kit, flood sensor, temperature sensor, and smoke sensor to build another alarm system and receive special alarm notifications.



All-in-One IP Camera



Apart from basic camera functions, All-in-One IP camera series has a microSD card slot for recording. Besides, it supports microphone & built-in speaker for two-way audio transmission and external alarm I/O device connection.

Wireless Push Video Alarm Kit (Via AVT DVR)



Adopting the wireless technology, AVTECH Wireless Alarm Sensor Kit is designed to monitor doors, windows, cabinets or anything that could be opened. Different from other similar products, it can be controlled remotely to quickly enable / disable Push Video and event notifications, helping you to get rid of complicated settings and save some time!

Special Sensor Application



AVTECH Push Video series (IP camera / HD CCTV Products) can be used to combine multiple sensors via its alarm I/O to build an alarm system. The alarm system not only sends text messages but video clips to users' mobile devices to inform them of alarm events. The system can be applied to elderly caring, humidity control, CO2 control, access control, intrusion monitoring, and flood detection.





Chain Store Surveillance



AVTECH has packaged solutions for chain stores, including

- 1. Video surveillance: High quality image for monitoring cashier, entrance, and other important areas.
- 2. Staff Management: A simple attendance system combines access control devices which allow you to check staff attendance and get abnormal event notifications on smart phone.
- 3. Multiple stores management: The headquarters can manage all CCTV devices in branches through CMS. The mobile App allows managers to supervise all stores anytime anywhere.
- 4. Marketing data analysis: IVS analysis helps you evaluate the effects of marketing activities and optimize store performance.



Features

Video surveillance



High Definition Image

- Best Quality Image: Secure the environment and provide wonderful images day and night.
- At Cashiers: Record the transaction amount and the bill numbers
- At Entrance: Record every customer's face
- Gateway of the Car Park: Record the car model and the license plate

Staff Management



Time Attendance Management

- Attendance Log: Record employees' names, departments and the time they come and go
- Tardiness Notification: Give a list of late check-ins and early leaves on a day to day basis
- Identification: Identify the card holders facial image in the pre-stored database
- Unusual Visit Notification: Send Push Video when an unusual visitor comes





Features

Marketing data analysis



Video Intelligent Analysis

- · People Counting:
- Count visitors during a period of promotion.
- Customer Behavior Analysis
- Queue Analysis:
- Analyze whether the queue is too long at the cashier or counter
- Enhance customer's satisfaction
- · Loitering:
- Spotting customers unable to locate merchandise

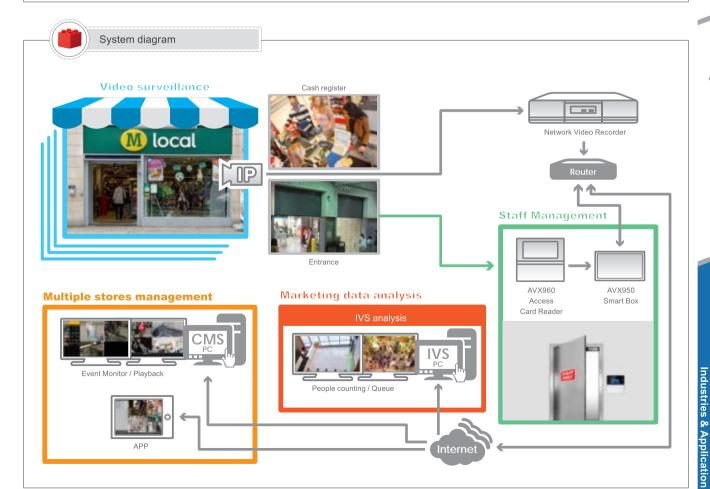
Multiple stores management



Multi-site Management

- Central Management (CMS Trident)
 - Powerful functions: Event pop-up, health check, e-map, e-voice
- Centralized management for each branch's video and attendance: the manager may look up the recording data or attendance data when necessary
- User authority: To enhance the security level of management
- Remote Event Backup to ensure employees' safety.
- Periodical event report to save management time.
- Local Management (Mobile App EagleEyes)
 - To-go Monitoring: Regional manager can check the branch's condition anytime anywhere.

- Push Video: Send prompt notifications to when suspicious people





Education / Campus Safety Guard System



AVTECH provides solutions to meet the relatively high requirement of campus security day and night, keeping the staff, students from intruders. AVTECH learned about the safety concerns from the students' families, and the solutions are listed as below.

- 1. Video Surveillance: AVTECH cameras provide HD image of the surrounding of the campus 24/7. And the security staff is able to monitor the campus through CMS and mobile APP.
- Attendance Management: To track and report attendance condition of the staff and the students. Users can also set an access authority requirment on a RFID tag to unlock doors for rooms that can only be entered by the staff.
- 3. Campus intruder detection and notification: Report events when intruders try to break in the campus fences. Reports will be shown on CMS and mobile APP immediately.
- 4. Central management and mobile surveillance: All cameras will be monitored on CMS in the control room. Every event will be sent through a pop-out screen with E-map and voice indicating the event's location. Instant notification will be sent to certain mobile devices through APP to fulfill multiple safety purposes.

In the system, we especially focus on the safety issue and strengthen the protection measures. Its high flexibility in application and installation makes it the perfect choice for schools with different environments.



Features

Campus intruder detection and notification



For preventing break in & forbidden area & object left behind :

- To track and report immediately through CMS when anyone tries to cross the fence or the parking lot.
- Power Transformer / Roof Top / Edge of Buildings
 To avoid danger through E-Map and E-Voice on CMS when
 students try to access forbidden places on campus.
- Sidewalk around campus Identify suspicious objects placed on the campus such as explosives or unknown stuff.

Central management and mobile surveillance



PC-based Central Management System:

- Live View: Set group channels and run in sequence mode
- Playback: Choose by event or specific time
- Event: Pop-out screen to indicate events immediately
- E-map & E-Voice: Show specific cameras with event & voice indicating the cameras' locations.
- Push Video: Users can monitor and get event notifications through EagleEyes on mobile devices.





Features

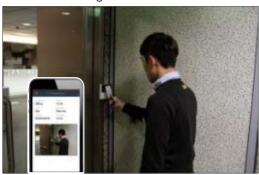
Video Surveillance



HD Performance:

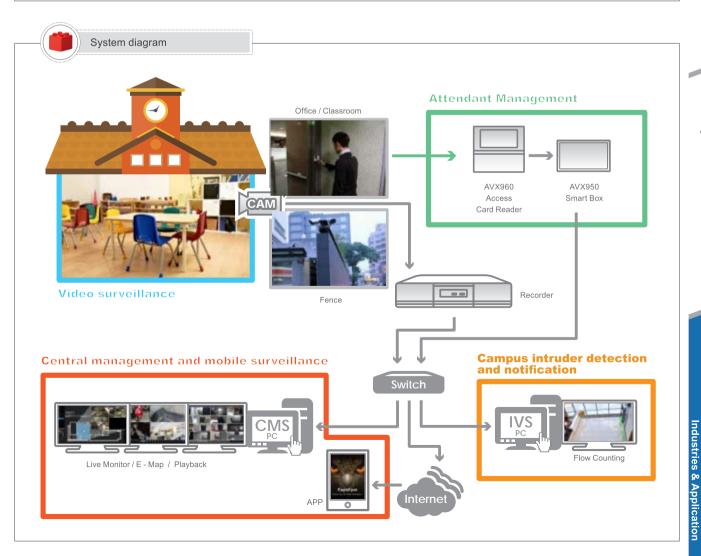
- Serious Light Contract: WDR function can coordinate the image brightness for better image.
- · Auto Focus: Adjust the focus to keep images clear
- New IR: Farther IR distance and image balance at night time, able to adjust the lightness automatically.

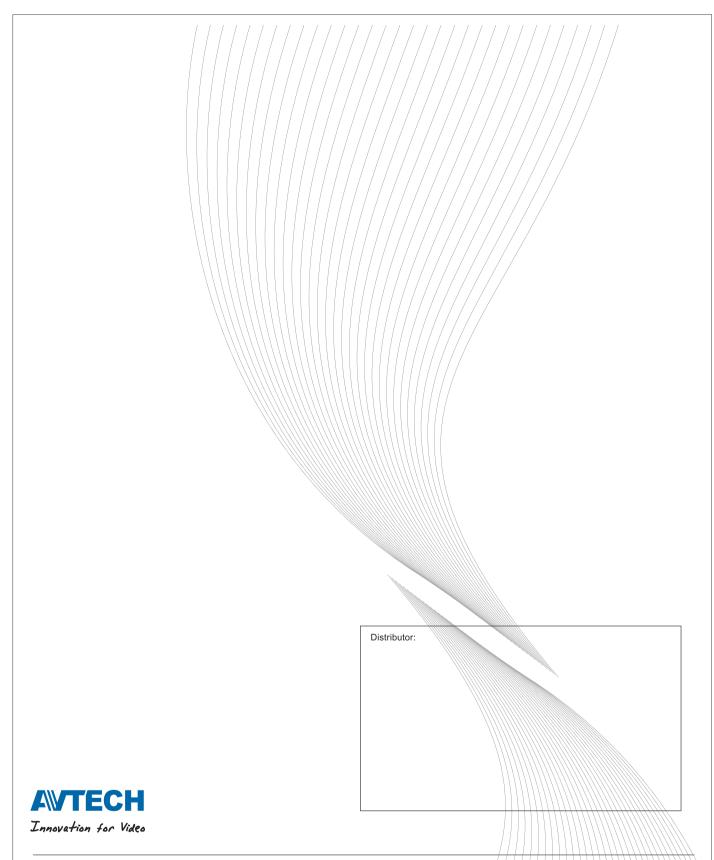
Attendant Management



Attendant Management & Access Control:

- Staff & Student Management: HR can easily get the attendant condition of the faculty for monthly report. Teachers can receive notifications of students' absence and skipping class. This function provides teachers a well control of students attendance condition.
- At night time, security can use the RFID tag to unlock the door and take snapshots to record the intruders coming into the campus.





AVTECH CORPORATION

Website: www.avtech.com.tw

TEL: + 886 2 2655 3866 FAX: + 886 2 2655 3855

10 F, E Building, No. 19-11, San Chung Rd., Nankang, Taipei, 115, Taiwan, R.O.C.



For marketing discussion, please send to marketing@avtech.com.tw

- YouTube is a trademark of Google Inc.
 HDMI, the HDMI logo and High-Definition Multimedia Interface are registered trademarks of HDMI Licensing LLC.
 Facebook, is the trademark or registered trademark of Facebook, Inc.
 All other brands or product names shown in this material may be trademarks and/or registered trademarks of their respective owners.