

aylook-

VIDEO SURVEILLANCE AND INTEGRATED SECURITY



about us

Antek is a company dedicated to creating “private virtual networks” for telephony and data, with headquarters in Mantova, Italy.

The company was founded in the early 1980s is currently composed of 60 employees. Anteklab was born from experience in the telecommunications sector.

The company designs and manufactures their own equipment and software applications dedicated to the world of video surveillance.

Aylook Recorders

Making use of over ten years of experience, the Antek Group manufactures and offers Aylook systems for video surveillance and security operations. Aylook 6 is a hybrid recorder with simple and functional user interface which can also be controlled via touch screen, capable of integration with intrusion protection, access control and home automation systems. Aylook is compatible with any IP, megapixel camera (Axis, Acti, Antek, Bosch, Canon, Mobotix, Panasonic, Sony, Vivotek, etc.) and, through the integration of image acquisition boards with 4/8/16 analog inputs, can also record directly from traditional cameras (analog) without the aid of additional expensive equipment (videosever).



Aylook simultaneously manages H264, MPEG4, and MJPEG streaming, viewable on a PC via browser and on mobile phones.

This does not involve the installation of any Windows operating systems on your PC, but a true network server "Linux-based" operating system (guarantee of stability and information security). Aylook allows access to the system to an unlimited number of customisable users (with encrypted passwords) and can operate simultaneously, in live, recording, displaying both on the local network and on a remote network via Adsl or Umts / Hsdpa.

Contact cards and graphical maps can be integrated inside the recorder, to allow for monitoring, the simplified management of complex systems and sending alarm messages via text message, multimedia message or e-mail with attached images. All recorders are fitted with software for display on mobile phones and an "actions/reactions" software module which allows the customisation of each video surveillance and intrusion detection system according to various needs.



Aylook complies with data protection authority requirements, and in fact implements programmable dual password access and physical consent solicitation for workplace surveillance.

Modularity, integration and expandability are the essential characteristics of our systems, which allow us a decrease in the initial costs of installation and, at the same time, allow for future adaptation of the system to changing requirements. The direct relationship with the system manufacturer ensures support, new features development and SDK availability for the integration of third party systems ("open" systems).

Privacy

The video surveillance systems are, for all legal purposes, personal data processing systems and are therefore subject to the regulations and, in particular, the Privacy Code. Aylook is a "Privacy Compliant" hybrid video surveillance system able to fully comply with requirements relating to workers' privacy and rights.

Aylook allows for very flexible configurations, in such a way as to meet the needs of all those responsible for video surveillance systems, from the system administrator to the the owner or manager to authorised individuals.

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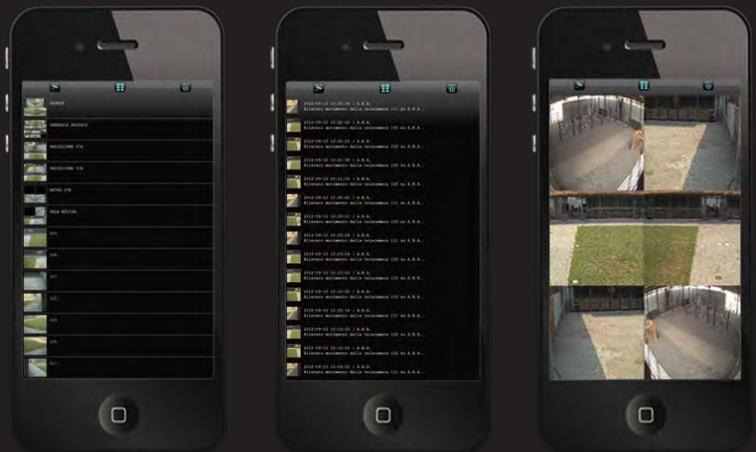
Software display on a PC

Aylook requires no client management software installation and is completely accessible via browser (Internet Explorer or Firefox). This feature allows any PC on the local or remote network: visualisation of live images, searches for recorded images by date and time or event and system status display. The use of a browser and not a specific software for image visualisation ensures: uniformity of client software on all PCs, immediate use of software by clients, no required maintenance (re-installation of visualisation software) on the client PC due to hard disk failure or accidental deletion, ease of new system software version upgrades (software modifications are implemented on the recorder and the client PC adapts at first connection), visualisation of live images and control of alarms also on mobile phones/handhelds enabled with internet browsing (Aylook mobile).



Mobile phone application

Aylook Mobile is an application added for free on all Aylook models. It allows for video camera display on PDAs and smartphones. As with the entire Aylook product family, the Mobile module does not require any software installation. Image visualisation is guaranteed via web browser. Any mobile phone enabled with internet browsing, with any operating system (Windows, Symbian, PalmOne, Apple or Android) and any browser (Internet Explorer, Firefox, Opera, Safari) can display camera images as if on a PC. Users can choose the group or camera to view, interact with the speed dome cameras for movement or zoom, monitor system events (motion detect, camera connection problems, user-defined messages, etc.) and work with previously set automations.



Integration of alarm control centres

Aylook video recorders can be interfaced with Securlan intrusion detection centres or with Risco centres. Securlan control centres have been built into manufacturer proprietary protocol, while Risco systems are managed by means of ModBus protocol on Ethernet networks. In both cases, signalling between control centres and recorders is exchanged via LAN network. All control centre alarms are reported accurately live on the Aylook recorder or on the graphical map, creating complete interaction between the intrusion detection system and the video surveillance system. The operator can intervene at any time on the control centre, disabling zones, isolating sensors or activating sirens directly from the video camera or graphical map display screen.



Advanced Motion

The algorithm of advanced detect motion through the intelligent video analysis that takes into account the perspective of the forms, can efficiently monitor and accurate outdoor environments generating alarms only in the presence of specific movements. The system pursues the moving objects and applies filters that drastically reduce false alarms (plants shaken by the wind, light changes, small animals) and allow to detect only objects (people, vehicles). It's possible to subject the path of the objects to the control of default rules of movement and thus create actions of "anti-climb". It's also available filter "people detector": with this function enabled alarms are generated only in the presence of humans.



Display on maps

Aymap is a software module which allows the display of all video cameras and all Aylook integrated systems on multi-level graphical maps. The graphical maps allow users to verify images and alarms in real time, directly on floor plans or maps. The maps can be imported into various digital formats and component positioning (video cameras, alarms and general automation) is carried out via “drag&drop” action with a mouse. The solution is therefore simple, flexible and scalable. All icons present on maps can be represented with colours that vary according to changes in connection/disconnection, open/close status, etc. The maps can be managed on a PC monitor in cascades that automatically adjust the size of the graphics resolution and monitor size. The icons represent the status of each individual component and can interact with system operation itself.



System centralisation

Aylook Regia was created for the centralising of local and remote systems. Through Aylook Regia, users can manage cameras, alarm modules, home automation modules and access control systems belonging to different Aylooks. All actions that take place in the video surveillance system are analysed with Regia in the control room. The multi-level graphical maps allow users to verify images and alarms in real time, directly on building floor plans or public location maps. The solution is therefore simple, flexible and scalable and allows users to minimise the use of human resources. All components of the various recorders and their status are manageable via Aylook Regia, in such a way that any alarm coming from a controlled site can trigger automatic actions, such as zooming on the camera in alarm, noise activation, positioning of the speed dome ecc.



Access control

A real innovation in the field of system integration is the use of Wiegand protocol within Aylook video recorders. Aylook can thus be interfaced with numerous types of readers (RFID, keyboard, biometric) both indoors and outdoors. RFID tag readers, for example, are continuously more commonly used thanks to their practicality, their non-invasive nature and specific design for access control systems and industrial automation management on-line. The readers communicate data via Ethernet network and are perfectly integrated within Aylook which, in addition to the native video surveillance functions, can be used as a true access control server. Ayaccess allows you to insert a custom card for each user subject to access control and to operate on complex system networks in applications where the need for simplicity of use is emphasised.



Plate recognition

AyPlate is an extension of Aylook systems which adds the ability to automatically recognise the license plates of vehicles that stop in the field of view of cameras. With Ayplate, you can enter a plate database to control the entering and exiting of registered vehicles. As with all Aylook modules, full AyPlate access is available via any PC with a browser. Its seamless integration with automation systems allows users to obtain a complete tool for the automatic management of car parks and garages, even remotely. AyPlate is able to record snapshots, license plates, the date and time of passage of each vehicle. Manage multiple lists of vehicles, divided in "authorised," "unauthorised" and "suspect" groups. Send notifications and carry out complex actions following plate verifications by locally or remotely controlling motorised barriers upon the recognition of vehicle plates and much more.



Aylook Mini - Home - Light

The Aylook Mini, Home and Light are hybrid digital video recorders that can handle from 5 (Home and Mini) to 10 cameras (Light). This range of products is suitable for small plants. The maximum bandwidth manageable input ranges from 15 (Mini) to 50mbit (Light).

Characteristics	Mini	Home	Light
Supported cameras	4	5	10
BNC video inputs	0 (4 max optional)	0 (4 max optional)	0 (10 max optional)
Supported resolution (live e rec)	D1/1,3/2 mpix	D1/1,3/2/3/5/10 mpix	D1/1,3/2/3/5/10 mpix
Multistreaming	4 streams for tlc	4 streams for tlc	4 streams for tlc
Maximum manageable band	15	30	50
Operating system	Linux	Linux	Linux
Storage capacity	Max 1 disk of 1TB	Max 2 disk of 3TB	Max 2 disk of 3TB
Raid	No	Optional raid 1	Optional raid 1
Watchdog system	Yes, software and hardware	Yes, software and hardware	Yes, software and hardware
Monitor output	Network monitor	Network monitor	Network monitor
Display	By browser IE o FF	By browser IE o FF	By browser IE o FF
Software modules			
• Mobile	Yes	Yes	Yes
• Advanced motion	No	Optional	Optional
• Anti-intrusion central	No	Optional	Optional
• Display on maps	No	No	Optional
• Access control	No	No	Optional
• Plate recognition	No	No	No
On-board I/O module	3 in and 3 out	3 in e 3 out; expandable to 6 in e 6 out	3 in e 3 out; expandable to 6 in e 6 out
Dimensions	275x175x50 mm	430x160x450 mm	430x160x450 mm
Supply	12VDC	230VAC (24VDC opz.)	230VAC (24VDC opz.)
Typical power consumption	60W max	120W max	120W max

Aylook Pro - Extra - Top

The Aylook Pro, Extra e Top are hybrid digital video recorders that can handle from 16 (Pro) to 35 cameras (Top). This range of products is suitable for medium to large plants. The maximum bandwidth manageable input ranges from 70 (Pro) to 110mbit (Top).

Characteristics	Pro	Extra	Top
Supported cameras	16	24	35
BNC video inputs	0 (16 max optional)	0 (16 max optional)	0 (16 max optional)
Supported resolution (live e rec)	D1/1,3/2/3/5/10 mpix	D1/1,3/2/3/5/10 mpix	D1/1,3/2/3/5/10 mpix
Multistreaming	4 streams for tlc	4 streams for tlc	4 streams for tlc
Maximum manageable band	70	90	110
Operating system	Linux	Linux	Linux
Storage capacity	Max 4 disk of 3TB	Max 4 disk of 3TB	Max 4 disk of 3TB
Raid	Optional raid 1 and 5	Optional raid 1 and 5	Optional raid 1 and 5
Watchdog system	Yes, software and hardware	Yes, software and hardware	Yes, software and hardware
Monitor output	Network monitor	Network monitor	Network monitor
Display	By browser IE o FF	By browser IE o FF	By browser IE o FF
Software modules			
• Mobile	Yes	Yes	Yes
• Advanced motion	Optional	Optional	Optional
• Anti-intrusion central	Optional	Optional	Optional
• Display on maps	Yes	Yes	Yes
• Access control	Optional	Optional	Optional
• Plate recognition	Optional	Optional	Optional
On-board I/O module	3 in e 3 out; expandable to 6 in e 6 out	3 in e 3 out; expandable to 6 in e 6 out	3 in e 3 out; expandable to 6 in e 6 out
Dimensions	430x160x450 mm	430x160x450 mm	430x160x450 mm
Supply	230VAC (24VDC opz.)	230VAC (24VDC opz.)	230VAC (24VDC opz.)
Typical power consumption	120W max	120W max	120W max

Aylook Super - Mega - Ultra

The Aylook Super, Mega e Ultra are digital video recorders with dual power supplies / processor that can handle from 50 (Super) to 100 cameras (Ultra). This range of products is suitable for large plants. The maximum bandwidth manageable input arrives up to 350mbit (Ultra).

Characteristics	Super	Mega	Ultra
Supported cameras	50	70	100
BNC video inputs	0	0	0
Supported resolution (live e rec)	D1/1,3/2/3/5/10 mpix	D1/1,3/2/3/5/10 mpix	D1/1,3/2/3/5/10 mpix
Multistreaming	4 streams for tlc	4 streams for tlc	4 streams for tlc
Maximum manageable band	150	230	350
Operating system	Linux	Linux	Linux
Storage capacity	Max 4 disk of 3TB	Max 4 disk of 3TB	Max 4 disk of 3TB
Raid	Yes	Yes	Yes
Watchdog system	Yes, software and hardware	Yes, software and hardware	Yes, software and hardware
Monitor output	Network monitor	Network monitor	Network monitor
Display	By browser IE o FF	By browser IE o FF	By browser IE o FF
Software modules			
• Mobile	Yes	Yes	Yes
• Advanced motion	Optional	Optional	Optional
• Anti-intrusion central	Optional	Optional	Optional
• Display on maps	Yes	Yes	Yes
• Access control	Optional	Optional	Optional
• Plate recognition	Optional	Optional	Optional
On-board I/O module	3 in e 3 out; expandable to 6 in e 6 out	3 in e 3 out; expandable to 6 in e 6 out	3 in e 3 out; expandable to 6 in e 6 out
Dimensions	645x178x434 mm	645x178x434 mm	645x178x434 mm
Supply	230VAC redundant	230VAC redundant	230VAC redundant
Typical power consumption	150W max	170W max	200W max