


ARTECO-4000

DVR/NVR 4 TO 8 HYBRID VIDEO
CH EXPANDABLE UP TO 12



- O.S. Windows Embedded 
- Hard Disk 1TB 
- From 4 to 12 hybrid CH 
- Automatic Network Camera Search 
- Network Storage Support 
- Recording and Display: Native IP, SW MJPEG, SW MPEG-4, HW H.264 
- Unlimited Connections and User 
- Area Analytics 
- Privacy Blur 
- Smartphone and Web Client 
- Multi-server Access 
- Optional**
- Advanced Area Analytics 
- LPR Channel 
- Arteco Everywhere 
- Mapping Feature 
- EWF (Enhanced Write Filter) O.S. Write Protection 
- 3G Ready (modem required, SIM not included) 
- SMS Notification (modem required, SIM not included) 

ARTECO-4000 is the industrial video surveillance unit with integrated video analytics, capable of handling up to 12 Hybrid video sources (up to 8 PAL/NTSC) for medium-scale, public or private.

High performance

The analog video inputs PAL / NTSC ensure full compatibility with all analog cameras on the market, providing the opportunity to install ARTECO-4000 in both new installations and for replacing existing CCTV systems. This hybrid feature gives users the possibility of a gradual conversion to IP technology; optimizing performance, resources and investments.

ARTECO-4000 is compatible with ONVIF™ devices and integrates hundreds of cameras of the leading brands on the market. Recording, analyzing and viewing cameras in Megapixel resolution, ARTECO-4000 supports the most advanced encoder: H.264, MJPEG, MPEG-4 and MxPEG. It allows for independent management of recording settings both on the local hard disk and network path.

Accuracy and Expandability

The powerful video analytics, with specific algorithms and filters, helps to minimize false events. By using the optional I / O devices, ARTECO-4000 can be interfaced with other systems of active and passive safety, increasing the overall effectiveness of the security profile.

Privacy Blur

ARTECO-4000 includes an additional software module called "Privacy Blur" (image blurring), which allows users to guarantee the privacy of individuals in public spaces appearing in video recordings. The Privacy Blur can be removed during playback and exporting of video, with the appropriate password.

Centralize and Customize

ARTECO-4000 is handled by the client, ARTECO-LOGIC Next; which can be installed in multiple locations to allow for simultaneous control by multiple operators, each with specific tasks. It allows users to control the functionality of all systems both locally and remotely, even in monitoring centers with Video-Wall applications.

Minimizing bandwidth consumption is a core feature of the software, allowing users to customize the live stream over the network, affecting a single camera and only a single remote client. Remote access to data and images can be achieved at any time and from any location by using the client, Web client, or preferred App for Tablet or Smartphone.

Robust and reliable

Using S.M.A.R.T and other health monitoring capabilities, it provides diagnostics of failures for storage devices. Combined with an optional module for Failover, the system continues to record even with a Hard Drive failure. It can notify the user of the problems found and ensure efficient maintenance of the unit. The module also enables automatic migration of camera recordings in the database to designated space on non-affected hard-drives in the event of a failure.

SOFTWARE FEATURES

- Up to 12 sources Hybrid, of which up to 8 PAL / NTSC
- Operating system Windows XP Embedded SP3
- Desktop protected by user
- Operating System partition is write-protected (optional)
- Managing Multi-Server Simultaneously
- Management of Multi-Client
- Video Compression Codec Recording
 - Encoding MJPEG software
 - Mpeg4 Encoding Software
 - H264 Encoding Software
 - Encoding H264 hardware
 - Native Encoding for IP cameras
 - Throttle on Event in H.264
- Video Compression Codec display
 - Encoding MJPEG software
 - Mpeg4 Encoding Software
 - H264 Encoding Software
 - Encoding H264 hardware
 - Native Encoding for IP cameras
- Performance IP cameras
 - Depending on the brand, model, resolution and number of active sources
 - Operation with Native protocols to achieve the performance stated by the manufacturer
- Watermarking (Certification on manipulability not recorded images)
- Analytics:
 - PROFESSIONAL Area Analytics (Indoor)
 - ENTERPRISE Area Analytics (Outdoor) (Optional)
 - Privacy
 - Maps (Optional)
 - Failover (Optional)
- Simple mode for sensitivity adjustment
- 14 independent filters for each video channel to minimize redundant events
- I / O Logic for pan and tilt PTZ on event (optional)
- For each channel independent regulation of:
 - Resolution
 - Frame Rate
 - Quality
 - Continuous recording with events marking
 - Post-event up to 10 minutes
- Layout:
 - Layout configurable
 - Management of Multi-Windows
 - Digital Zoom and REC LIVE
 - POP-UP mode (automatic display of the video stream in case of event)
 - Patrol timed Layout
- 5 modes of event notification:
 - Visual: red frame image, event logs, POP-UP
 - Acoustics: WAV sounds, PC-Buzzer
 - Email: HTML / TXT event image
 - I / O devices via input / output or via input / output integrated IP cameras / video servers
- SMS (optional)
- PTZ control
- Manual
- Automatic (programmable presets and sequences)
- 3 user levels with different rights
 - Administrator, Power User, User
- License Access ARTECO-LOGIC NEXT, Web Client and Mobile Client
 - Unlimited Simultaneous Connections
 - Unlimited Accounts

HARDWARE FEATURES

- Hard drive capacity 2 TB
- Software on Compact Flash
- 2-Port PS / 2 (keyboard and mouse)
- 4 USB 2.0 Ports
- Port RS422/485 half duplex for PTZ control
- Digital I / O external to 8 inputs and 8 outputs, RS-232 serial port or Ethernet TCP / IP (optional):
 - 8 inputs 0 ÷ 12 Vdc
 - 8 outputs NA / NC, 1 A @ 30 Vdc, 0.5 A @ 250 Vac
- 1 VGA OUTPUT
- 1 Ethernet port 10/100/1000 Mbps
- 1 audio output jack 2.5 mm
- 1 Microphone input 2.5 mm
- 110 ÷ 230 Vac, 50 to 60 Hz, curr. 100 W
- Operating temperature 0 to 40 ° C, 80% RH max n
- Dimensions in mm: 378 x 100 x 250 WxHxD
- Weight: 5 kg

SMARTPHONE & TABLET APP



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