

## CamControl PRO Software History

### CamControl LITE V3.92

2010-07-02

- Alternative video format MJPEG (streaming mode) for integrated IP cameras from the following vendors: Axis, Basler, Dynacolor and IQeye
- Integration of IP camera; Samsung SNB-5000, using the video format MJPEG
- Camera position authentication for analogue cameras revised and optimised:
  - Evaluation and recording of up to two reference images per camera channel
  - A combination of device firmware V1.92 or higher and **CamControl LITE/CamControl PRO** software V3.92 is mandatory for parameterisation of the optimised camera position authentication
- Configuration of tamper input now possible (NC or NO)
- New setup dialog Connections/Wireless WAN for parameterisation of the internal 3G/UMTS modem of **CamServer 1/3G**:
  - Character length for username and password extended from 20 to 38 characters
- Several text corrections in German, English and Chinese (traditional) user interface

### CamControl PRO V3.90

2010-02-05

- PC receiver archive supports a maximum file size of 512 GB for NTFS drives per connection (maximum files size of 2 GB for FAT32 drives)
- Adoption of Online Player for HeiTel archives with a maximum file size of 512 GB for NTFS drives
- Integration of Sanyo IP cameras
- Extension of software PTZ remote adapters
- **R16 Adapter** can be used together with software PTZ remote adapters

### CamControl PRO V3.89

2009-12-10

- User password automatic expiration option
- Time synchronisation via NTP server
- Integration of Bosch PTZ IP cameras
- Software PTZ remote adapter for the support of various analogue remote and PTZ systems implemented (with device firmware V 1.88 or newer)
- Online-Player for archive evaluation updated
- Updated driver for the hardware key/dongle for Windows 7

### CamControl PRO V3.87

2009-10-20

- Improvement of the Live and archive image quality when using NTSC cameras
- Transmitter index (Dial list) can now be password protected.
- Web Server: The port the Web Server uses can now be configured to suit the customer/site requirements
- Standby mode removable hard disk drive: Controlled, timed shut down of the hard disk is now possible for general power down and hard disk changes by using the **V out** button on the device front panel and/or the **Aux in2** input on the rear of the device.
- Correction of the position of the "Quad screen" ImageViewer window
- Updated driver for the hardware key/dongle
- Optimized image representation of NTSC cameras
- Language optimised adjustment for the export of the self-playing archive

### CamControl PRO V3.86

2009-09-13

The following functions are only accessible with the firmware 1.84 or higher

- **CamDisc HNVR 10**: Support of up to two **HYBRID Cards 4** for the connection of up to 8 analogue cameras
- **CamDisc HNVR 10**: Optimised configuration of the gateway address of the 100 MBit and 1 GBit interface
- Optimised additional display of used IP ports
- Integration of several IP cameras of the following manufacturers (compare IP camera compatibility list):
  - ACTi (with firmware 3.11 or newer), Arecont, Basler, Hunt, IQeye, JVC, Messoa, Panasonic, Samsung Electronics, Sony, Visicom
- Support of PTZ functionality and maximum 16 preset positions for IP cameras

### CamControl PRO V3.85

2009-06-24

- Enhanced Chinese (simplified) user interface
- Russian user interface improved
- Update of Online player for archive evaluation
- Quadscreen alarm representation during live video corrected
- Relay functionality extended with "closed while in alarm" and "closed while alarm enabled" (armed)
- Expansion of alarm functions for camera control inputs and CI Adapter:
  - Off
  - Alarm
  - Fire/Panic
  - Entry/Exit
- 'AND' function for motion detection alarm and camera control input
- Optional installation of a GPS position display with "Google Earth" or "OpenStreetMap"
- IP camera integration with Generic "GET" commands now possible (if necessary with the additional button "Examples ...")

## CamControl V3.83

2009-03-26

- Integration of Intruder Detection Systems: functional interaction of HeiTel transmitters with Intruder Detection Systems via TCP/IP, in accordance with the protocol "VdS 2465 for video"
- Extension of the IBIS functionality:
  - Additional recording of IBIS data (wagon number, line number, course, station)
  - Extended dialogue for search and evaluation of IBIS data (wagon number, line number, course, station)
- Additional representation of IP ports in use
- Enhanced Chinese (trad.) user interface
- Optional sending of an email in case of picture warning threshold reached
- Added support for multiple IP cameras for **SVR** and **SVR s** series (firmware 1.74 and above)
  - Receiving and displaying live and recorded images from up to 2, 4 or 10 IP cameras per device (dependant on model)
  - Ability to view IP cameras at native or scaled down resolution
  - Recording and playback of images from IP cameras in both Site archive and PC archive
  - Email transmission of alarm images from IP cameras
  - Transmission of alarm images from IP cameras
  - Video loss functionality with IP cameras
  - Configuration of the IP camera using a standard web browser
  - Deposit of additional data for the respective IP camera (user name, password)
  - Optional example configuration window for editing of Generic "GET" commands
- Integration of a licence agreement (EULA) into the software setup
- Text adjustments on the main screen of **CamControl PRO** software
- Date format adjustment in accordance with the ISO standard 8601 "YYYY-MM-TT HH:MM:SS"
- Auto detection of transmitters on an alternative local area network now possible
- Indication of transmitters with same serial numbers added to 'Transmitter index'
- Additional recording settings:
  - New feature; toggle between continuous and event recording with camera control input 'Control in'
- Signals of alarm and log file entries with the **CI Adapter** optimised
- GPS data display and recording
  - Displaying of GPS data during live transmission and archive playback (PC archive/Site archive)
  - Display of current position and tour of journey with Google Earth
- Functional adjustments with reference to the support of **CamDisc HNVR 10**
- Adjustment of the Quad Image Viewer with Windows Vista
- Image representation error with video loss corrected

### CamControl PRO V3.78

2008-05-13

- Transmitter dial list: maximum number of transmitters increased from 2000 to 6000
- Receiver options/Port A, Port B, Port C, Port D etc. :  
Extended COM port range: Now possible to select COM ports higher than COM9.  
Range = COM1 to COM99
- Optimization of the Site archive evaluation during evaluation with "optimal speed"
- Support of **CI Adapter** (Control Input Adapter):  
The external **CI Adapter** enables up to 50 additional alarm inputs to be connected to any of the transmitters in the HeiTel range and enables mapping of any camera to any preset dome position!
- Additional alarm call reporting: Transmitters will now report "Alarm call in case of reboot" (requires device firmware 1.62 or above)

### CamControl PRO V3.76

2008-01-07

- Configuration of the **Receiver options/Extras** corrected

### CamControl PRO V3.75

2007-12-20

- Activation of the USB interface: From firmware version 1.60 **CamDisc SVR / CamTel SVR** and **Cam4mobile** will support data connection via the front panel USB connector. The maximum transfer rate will be 9.7 MBit/s.  
**Note:** USB connection is not supported with **SVR s** series devices and **CamServer 2**
- Support of USB hardware key (dongle/copy protection module)
- User login rights expanded to include control over "Site archive" playback (now possible to restrict playback to only evaluation with optimal speed or/and with optimal functionality and vice versa)
- Software manual **CamControl PRO** as PDF file integrated into the help function
- **HTconnect** feature now adjustable in the receiver software options
- Presentation of the archive evaluation of POS/ATM data optimized

### CamControl PRO V3.73

2007-10-26

- **HTconnect:** Leased line feature is for TCP/IP connections, using transmitter-initiated semi-permanent connection to receiver PC. With very low data transfer volume while connection is "inactive" (circa 6 Byte/min) (with firmware 1.52 and higher). (Applications: DSL/3G (UMTS) connections, restrictive Firewall)
- Configuration of camera position authentication (with firmware 1.52 and higher) (detects unauthorised tampering of the camera view)
- Extended evaluation for ATM data of **POS/ATM Adapter** (for **CamDisc SVR /CamServer 2** with firmware 1.48 and higher)
- Improved user identification
- Online-Player can now be used with any TCP port (not just port 3000)
- **CamControl PLAYER:** audio can now be exported when using the option "Create self playing archive"
- User interface is now available in Turkish

### **CamControl PRO V3.67**

- Facility for configuring the integrated email client
- Support of **PSTN Card** (modem card for analogue connections with up to 33,600 baud)
- Configuration of camera-specific alarming on video loss detection
- Activation of IBIS (Integrated Board Information System) via the transparent serial channel
- Switching function for the adjustment of the live image representation

## CamControl PRO V3.65

- An incoming call as the result of a Callback is now indicated with a “Callback” window.
- Extra option to select the time delay feature on the “General alarm input” (devices must be firmware 1.42 or above)
- Additional display of the serial number of a connected **POS/ATM Adapter** (devices must be firmware 1.42 or above)
- Easy to use and speed-optimized firmware update procedure (bin files can now have user friendly names but must now be located in a subdirectory called DEVICEUPDATES)
- Support for the new generation of **Audio Cards** with the “SPEEX” codec (devices must be firmware 1.42 or above)
- Integrated alarm image viewer! Alarms are additionally displayed in a quad window, with the alarm frame, post alarm frames and a looping movie of 15 alarm images
- Windows Vista support
- Modified descriptions and additional features in the receiver software setup
  - Optimised representation of tours
  - Extensions to the Receiver options/Port A for functions which previously could only be set in the CAMCTRL.INI file:
    - Adjustable TCP/IP connection port
    - Maximum online connection time
  - New receiver software menu item in “Setup” called “Extra”
    - Time synchronisation of remote transmitters with receiver PC
    - Adjustable behaviour of receiver software view upon first connection to a transmitter both on manual dial up and in alarm, Quadscreen, Fullscreen and Zoom
    - Always on top option
- Activation of alarm inputs while in multiscreen views now highlights the relevant image with red box
- TCP/IP connections now possible with port 80; using this port causes deactivation of the Web Server feature
- On alarm situation, receiver software now automatically compares the user name and password in its “Dial” list with the transmitter setup (devices must be firmware 1.40 or above)
- **CamDisc SVR**: optimised online player (evaluation with optimum functionality) supports triplex-operation and the **POS/ATM Adapter**. Also includes a “programme working” indicator
- **Cam4mobile**: optimized online player supports triplex-operation
- **CamDisc SVR**: supports new generation of HeiTel **POS/ATM Adapter** (devices must be firmware 1.42 or above)

### CamControl PRO V3.58

- Cascading of multiple units now possible (virtual grouping) through software
- Transmitter specific "Usernames" and "Passwords" can now be added in the "Transmitter list".
- LAN, device auto detection: **CamControl LITE** software can automatically detect all HeiTel devices on the local network (devices must be firmware 1.38 or above)
- Remote Arm/Disarm function is now possible through the **CamControl** Software for all **SVR** series and **Cam4mobile** devices (devices must be firmware 1.38 or above)
- Activation/deactivation of the functions to automatically obtain an IP address (DHCP) and a DNS server address
- Import function for data from the old TELEFON.INI file (transmitter names and phone/IP numbers) and storage into the new file structure TELEDATA.DAT
- Increase of the maximum possible recording duration for the continuous recordings triggered by control inputs

### CamControl PRO V3.54

- Number of connection ports freely scaleable from 1 to 9 ports
- Additional direct PTZ control in viewing modes full screen and zoom
- Extended evaluation of **CamDisc SVR** Site Archive on TCP/IP connections with all functions of **CamControl PLAYER**
- Audio recording on internal HDD of **CamDisc SVR** with firmware 1.34 or higher possible. Evaluation of audio recordings can occur via remote control, the Online Player, or locally.
- Manual volume control of live audio
- Connection timeout for Web server; configurable
- Administration of **R01** files in the programme subdirectory \RMCTRL
- Universal protocol interpreter for PTZ systems
- Identification of **Cam4mobile** serial numbers (MQ..., MV...)

### CamControl PRO V3.49

- 4, 7, or 9 simultaneous connections
- Auto deletion of PC archive recordings after user defined time period
- Additional field to enable Web Server function
- Definition of up to 5 privacy zones per camera for live images or live and recorded images
- Audio transmissions to and from site are now recorded
- Evaluation enhanced to enable audio play back
- POS: Maximum size of sales receipt adjusted
- Supports serial control for **CamDisc SVR** and **CamTel SVR** devices (minimum requirement: firmware 1.28)
- Variable delay time for video signal loss detection

### CamControl PRO V3.43

- Accelerated receipt of setup data
- Release of user authorisations for audio, relay and PTZ control for **SVR** devices (minimum requirement: firmware 1.26)
- Keywords for POS now also allow numbers only
- New **Push-to-talk** button for audio transmissions; option of switching to classic audio buttons
- Device settings for **SVR** series devices can be saved as a mirror-image on the receiver PC or re-applied to the transmitter
- Possible to deactivate PTZ control of a transmitter; the corresponding **R01** file is also deleted

### CamControl PRO V3.40

- Support of POS applications for **CamDisc SVR** devices (minimum requirement: firmware 1.24)
- Differentiation between PAL and NTSC images for **SVR** devices (minimum requirement: firmware 1.24); **CamControl PRO/LITE V3.38** or higher must be used for operation with NTSC cameras
- Additional option for entries in the log file for **SVR** devices (minimum requirement: firmware 1.20): Possible to log inputs only if armed
- Saving of window positions in the file CTWNDPOS.INI for PTZ window, remote list combination window, archive access window, POS dialog box and button panel

### CamControl PRO V3.35

- Complete support of **CamTel SVR** devices
- **CamTel SVR** pre-alarm with playback function
- Keyboard control of PTZ functions with open PTZ control
- Support of **R16 Remote Adapter** relay functions
- Save / Load configuration profile
- Activation of following device functions: DNS, hang up and redial on alarm, delete images
- **SVR** user settings: at least one user must have setup access
- **CamDisc SVR** menu: **Video x In** and **Timer** have been integrated into one tab
- Time-Out for archive passwords: 6000 ms

### CamControl PRO V3.33

- Support of **CamDisc SVR** (complete) and **CamTel SVR** (partial) devices
- No display of camera hints for transmitter-initiated connections