

Firmware History for CamDisc SVR 10s, CamDisc SVR 4s, CamServer 1, CamServer 2c and CamServer 2

(Serial numbers: WVxxxxxx, WSxxxxxx, WBxxxxxx, WCxxxxxx, WDxxxxxx)

Important note to firmware 1.46 and or higher:

Extensive intervention in the structure of the device setup was required for carrying changes of the firmware so that the **CamControl LITE/PRO** from V 3.66 is required for the parameterisation of latest HeiTel devices from Firmware 1.46.

The latest receiver software is not necessarily required for the usage of standard functions like live transmission, alarms, tours, image access etc.

We recommend to bring the service, alarm and configuration software **CamControl LITE/PRO** to one version from 3.66.

As installer, please inform all those concerned as well as the superordinated control centres, security centres and end users.

Firmware V2.08

2012-04-20

(Support of all functions only with CamControl LITE 4.09/CamControl PRO 4.09 or higher)

- Integration of several IP cameras from the following manufacturers (see IP camera compatibility list):
 - Brickcom, Elbex, IDS, IndigoVision, Panasonic, Riva, Samsung, Sony, UDP, Vista Eclipse²
- Dynamic PTZ control with IP cameras
 - Variable (vario) PTZ control speed of the following IP camera manufacturers added:
 - Brickcom, Dynacolor, Elbex, Grundig, IndigoVision, Messoa, Samsung, Sanyo, Sony, UDP and Vista
- Internal video motion detection (analogue cameras only) improved
- Added camera internal video motion detection from the following IP cameras: Elbex, Riva and Sony
- New USB driver for Windows 7. 32 and 64 bit for use with SVRs series of VideoGateways (from serial number: WC211xxx, WD206xxx, WS206xxx, WV206xxx)
- New Web Server (V1.32)
- Various bug fixes:
 - Error with access to the serial interface (Transparent data/control interface) corrected
 - Incorrect behaviour for the erroneous log file entry „Power Off“ corrected, if no HDD is detected or no HDD is in use
 - Internal motion detection (analogue cameras only) optimised
 - UMTS/3G Adapter Reset optimised (**CamServer 2c** only)
 - Software PTZ protocols for FVCCTV, LMW-OWL corrected

Firmware V2.02

2011-10-19

(Support of all functions only with CamControl LITE 4.06/CamControl PRO 4.06 or higher)

- Extended PTZ control via mouse cursor and joystick
 - PTZ with manual speed control for IP cameras from Sanyo, Sony, Messoa, Vista, Dynacolor and Grundig
- Motion detection from Axis, Dynacolor and Grundig IP cameras integrated
- GPS function for 3G/GPS Module added (only for **CamServer 2c**).
Note: This feature is only supported with passive antennas that can optionally be obtained in specialist stores.
- New Web Server (V1.29)
- New Web API (V1.8)
- Various bug fixes:
 - PTZ control with Philips/Bosch software remote adapter corrected
 - Users without passwords do not get password expire messages any longer
 - Display problems with Axis 4 channel video server corrected
 - Default settings for HD power down function modified: The hard drive now can be set to standby mode via "V out" and "Aux 2"

Firmware V1.98

2011-06-14

(Support of all functions only with CamControl LITE 4.05/CamControl PRO 4.05 or higher)

- Integration of several IP cameras from the following manufacturers (see IP camera compatibility list):
Arecont, Axis, Brickcom, Grundig, Hikvision, Honeywell, Pelco, Samsung, UDP technology, Visicom, Vivotek
- Integrated Motion detection from the UDP IP camera model IPE1100M
- Sensormatic V2.00 protocol added to software PTZ remote adapter
- New log file entry "Video signal ok on input x" added
- Log file entry "Track xx deleted" is renamed as "Track xx initialized"
- Compressed transmission of the log file of **CamServer 2c**
- Alarm panel protocol corrected (IK07 "HAS_VIDEO")
- PTZ control for Dynacolor and Grundig IP cameras optimised
- New Web Server 1.27:
 - Adjustments in operation with **CamServer 2c**

Firmware V1.96

2011-05-02

(Support of all functions only with CamControl LITE 4.01/CamControl PRO 4.01 or higher)

- Various error corrections
 - HDD formatting adjustments
 - Undefined disarmed/armed status corrected
 - BBV, Santec and Fastrax protocol adjustments in the software remote adapter
- 'Secure code' is not now required for flash or micro drive cards, enabling use of own CF storage (only applies to **CamServer 1/3G** and **CamServer 2c**)
- New Web Server (V1.26)
- New Web API (V1.7):
 - Support of live and recorded audio playback
- New option to change the handling of PTZ, audio and relay control to ensure better operation with 3rd party monitoring software
- Support of voltage-monitored control inputs with **CamServer 2c** and **CIO Adapter**
- Enhanced Video Motion Detection:
 - Renaming of sensitivity levels to Low, Middle, and High
 - Short term suppression (History) of global image changes (e.g. light changes)
 - Brightness compensation with a definable suppression time of 0.5 to 5.0 seconds

Note: A lower sensitivity or higher suppression times can reduce false alarms but can also unintentionally mask real alarms.
- Support of Soyal access control systems

Firmware V1.94

2010-12-07

(Support of all functions only with CamControl LITE 3.98/CamControl PRO 3.98 or higher)

- Problem fixed with call up of preset positions when using **CI Adapter** and Sensormatic domes
- New Web Server (V1.25)
- New Web API (1.6)
 - Arming/Disarming function of transmitters added
 - System status armed/disarmed via the Web Server and Web API corrected
- Error corrections:
 - Summer/winter clock change corrected
 - Various PTZ protocol corrections (Pelco, Samsung, Dennard, Honeywell, Baxall)
- Integration of several IP cameras of the following manufacturers (see IP camera compatibility list):
Canon, Dynacolor, Hitron, NoVus, Samsung, SANTEC, Sanyo, Vista
- Dial prefix for the PCI-Express modem changed from "ATDT" to "ATD"

Firmware V1.92

2010-07-02

(Support of all functions only with CamControl LITE 3.92/CamControl PRO 3.92 or higher)

- New Web Server (V1.24):
 - Adjustments for **CamControl MV** implemented
- Correction of NTP function (network time protocol)
- Configuration of tamper input possible (NC or NO)
- Audio live transmission and audio recording optimised (mandatory **CamControl LITE/CamControl PRO** version 3.92 or higher)
- Support of IP cameras optimised:
 - IP address (or symbolic address) of IP cameras, can now be extended with a port address
 - Maximum resolution of 2560 x 1800 pixels for integrated IP cameras
 - Optimisation of recording and transmission
 - Improved support for Sanyo model VCC HD4000 P
 - 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
 - Optimisation of PTZ control for Messoa NDZ860H2
- POS filter adjusted for Cyrillic characters (Russian)
- Extension and corrections to a couple of PTZ protocols
- Honeywell PTZ protocol implemented (Software Remote Adapter only)
- Camera position authentication for analogue cameras revised and optimised:
 - Evaluation and recording of up to two reference images per camera channel (e.g. day and night)
 - 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
- Improved E-Mail function: No alarm image will be sent in the case of technical alarms (defective hard disk, reboot or video loss)
- **CamServer 1/3G** only: New setup dialog Connections/Wireless WAN for parameterisation of the internal 3G/UMTS modem:
 - Character length for username and password extended from 20 to 38 characters

Firmware V1.90

2010-02-03

(Support of all functions only with CamControl LITE 3.90/CamControl PRO 3.90 or higher)

- Integration of Sanyo IP cameras
- Extension of software PTZ remote adapters
- User password expiration option corrected

Firmware V1.88

2009-12-01

(Support of all functions only with CamControl LITE 3.88/CamControl PRO 3.88 or higher)

- User password expiration option
- Call-up of preset positions for IP cameras using the **CI Adapter**
- 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

Firmware V1.86

2009-10-12

(Support of all functions only with CamControl LITE 3.87/CamControl PRO 3.87 or higher)

- Improvement of the live and archives image quality when using NTSC cameras
- Improvement of the image quality of NTSC cameras with the email feature
- Recording speed optimised
- 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 Smartsearch function with activated Motion Detection
- New Web Server V1.21: The port the Web Server uses can now be configured to suit the customer/site requirements

Firmware V1.84

2009-09-16

(Support of all functions only with CamControl LITE 3.86/CamControl PRO 3.86 or higher)

- Device setup with activated DHCP corrected
- 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

Firmware V1.80

2009-07-03

(Support of all functions only with CamControl LITE 3.85/CamControl PRO 3.85 or higher)

- Web Server update to V1.19 (inclusive Web API V1.5)
 - Performance improvements

Firmware V1.78

2009-05-18

(Support of all functions only with CamControl LITE 3.84/CamControl PRO 3.84 or higher)

- Relay functionality extended with "closed while in alarm" and "closed while alarm enabled" (armed)
- Presentation of the alarm image from IP cameras corrected
- Additions to the log file entries "NW" (for network connections) and "UB" (for USB connection)
- 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

Firmware V1.76

2009-03-27

(Support of all functions only with CamControl LITE 3.83/CamControl PRO 3.83 or higher)

- Transmitter settings for IP cameras
 - Entering of symbolic addresses for IP cameras optimised
 - Blocking of PTZ access rights for IP cameras with multiple connections now possible
- Login behaviour improved
- 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
- Performance of the web server improved
- Additional relay functionality "Closed while recording"
- Additional recording settings:
 - New feature; toggle between continuous and event recording with camera control input 'Control in'
 - Behaviour of event recording improved
- Behaviour in case of alarm of HeiTel transmitters with Intruder Detection Systems (IDS) via TCP/IP, in accordance with the protocol "VdS 2465 for video" adjusted
- Signals of alarm and log file entries with the **CI Adapter** optimised

Firmware V1.74

2009-01-09

(Support of all functions only with CamControl LITE 3.82/CamControl PRO 3.82 or higher)

- Support of IP cameras
 - Receiving and displaying live and recorded images from up to 2, 4 or 10 IP cameras per device (dependant on model)
- New Web Server 1.17 supports the transmission of images from IP cameras to Web Browsers

Firmware V1.72

2008-12-17

(Support of all functions only with CamControl LITE 3.81/CamControl PRO 3.81 or higher)

- Functional interaction of HeiTel transmitters with Intruder Detection Systems via TCP/IP, in accordance with the protocol "VdS 2465 for video" adjusted
- Optional time synchronisation via IBIS or IDS optimized

Firmware V1.70**2008-11-14**

(Support of all functions only with CamControl LITE 3.81/CamControl PRO 3.81 or higher)

- Date format adjusted in accordance with the ISO standard 8601
"YYYY-MM-DD HH:MM:SS"
- Behaviour of warning threshold on event and continuous recording optimized
- Overwrite protection optimised
- Recording behaviour of video loss adjusted
- Additional recording setting:
 - Warning threshold can now be activated independent from the overwrite protection
- Automatic IP address assignment (DHCP option) corrected
- Extension of the IBIS functionality:
 - Additional recording of IBIS data (vehicle number, route number, course, station)
- Integration of Intruder Detection Systems (IDS):
 - Functional interaction of HeiTel transmitters with Intruder Detection Systems via TCP/IP, in accordance with the protocol "VdS 2465 for video"
- Time synchronisation via IBIS or IDS (optional)
- Updated Web Server

Firmware V1.68**2008-09-15**

(Support of all functions only with CamControl LITE 3.78/CamControl PRO 3.78 or higher)

- Device setup corrected
- Device reset is possible with 300 and 600 baud now

Firmware V1.66**2008-08-26**

(Support of all functions only with CamControl LITE 3.78/CamControl PRO 3.78 or higher)

- Timing behaviour is altered for the Generic protocol PTZ commands
- Connection via the external modem/Null modem interface was corrected

Firmware V1.64**2008-08-12**

(Support of all functions only with CamControl LITE 3.78/CamControl PRO 3.78 or higher)

- **CI Adapter:** arm/disarm input now correctly arms/disarms the alarm inputs from the **CI Adapter**
- Web Server connection corrected: In the case of an alarm the Web Server connection isn't interrupted
- E-mail delivery optimised

Firmware V1.62 **2008-05-16**

(Support of all functions only with CamControl LITE 3.78/CamControl PRO 3.78 or higher)

- Event recording corrected and improved
- Additional alarm call reporting: Transmitters will now report "Alarm in case of reboot"
- Updated Web Server V1.15 with Web API 1.3
- Updated DSP Software with comprehensive corrections:
 - Detection of camera covering (low contrast alarm) optimized
 - Identification of last caller for modem and ISDN-TA connections improved
 - Alarming over network and via E-Mail optimized

Firmware V1.56 **2007-09-25**

- Optimized POS/ATM archive setups

Firmware V1.52 **2007-08-13**

(Support of all functions only with CamControl LITE 3.70 or higher)

- Camera position authentication (detects unauthorised tampering of the camera view)
- **HTconnect**: "Leased line" feature 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).
(Applications: DSL/3G (UMTS) connections, restrictive Firewall)

Firmware V1.50 **2007-07-10**

(Support of all functions only with CamControl LITE 3.68 or higher)

- Improved handling of email function
- Extended evaluation for ATM data of **POS/ATM Adapter**

Firmware V1.46

(Support of all functions only with CamControl LITE 3.66/CamControl PRO 3.67 or higher)

- Integrated email client for alarming up to two email addresses, optionally with or without alarm image
- Support of **PSTN Card** (modem card for analogue connections with up to 33,600 baud)
- Revised POS character filter
- Improved video loss handling! Camera-specific alarming of video loss
- Support of IBIS (Integrated Board Information System) control commands for date & time via transparent serial channel for synchronisation of HeiTel devices

Firmware V1.42

(Support of all functions only with CamControl LITE 3.64/CamControl PRO 3.65 or higher)

- Initial Release