



Pictures in Motion.



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Your experienced partner in the CCTV market

Since 1990, HeiTel's core competence has been with the remote transmission and digital recording of CCTV systems. Using intelligent video receiving concepts and with data protection rights at the forefront of our system design, HeiTel offers transmission and recording right up to multi megapixel quality.

HeiTel Digital Video develops, manufactures, and distributes well thought out hardware and software solutions, ranging from fixed stand-alone applications with optional Multi-Site support, through mobile applications to sophisticated control centre applications with Server/Client functionality for new and existing alarm centres.

From our headquarters in Molfsee near Kiel, Schleswig-Holstein, Germany, HeiTel products are distributed world wide by leading CCTV manufacturers, distributors, system integrators and CCTV installers.

70,000 HeiTel systems are employed worldwide. The applications of the HeiTel VideoGateways range from private property and small business surveillance right through to monitoring a practically unlimited number of franchises (e. g. banks, shops, chain restaurants).

In Germany alone, more than 300 central monitoring stations work with HeiTel system solutions, making us the market leader in the segment of professional video alarm monitoring.



The features of the VideoGateway enable for a range of cost-efficient services:

- Video alarm verification
- Video intervention
- Video health check
- Video service

We support our business partners and customers with:

- Investment protection by providing free firmware and software updates
- Project-specific consultation
- Expert seminars in our training centre, „on the road“ or at the customer's premises
- Telephone support
- Partner forum with current software, documentation and sales guides
- Marketing support for customer campaigns

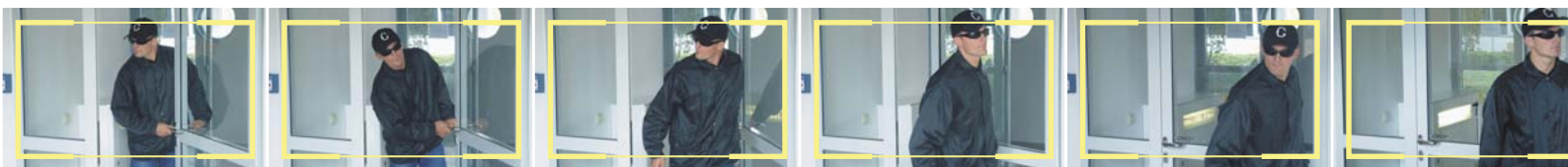
HeiTel systems do not just record property and capital offences, but can actually help prevent them by being linked to professional monitoring stations.



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VideoGateways. Central Monitoring Solutions. Scalable. Easy-to-Integrate. Safe Investments. Mobile. Stationary. System-oriented.



The HeiTel Product Philosophy

Full integration capability and year-by-year system backward compatibility are the key criteria for the development of the HeiTel range of products. This system concept enables the installer - as system integrator - to offer complete and customised system solutions.

HeiTel-VideoGateways are the central and integrating element of a video monitoring system. Their core function is not merely about recording, transmitting, analysing and presenting video by using all major transmission mediums; their system interfaces and logical functions also allow complete integration in a comprehensive security system, full integration with intrusion detection systems and signalling to central monitoring stations with video intervention capability.

For decades, HeiTel-VideoGateways have distinguished themselves, particularly with extremely reliable hardware components; compatible since 2005 with embedded Linux-based technology. The backwards compatibility of the HeiTel software family with hardware as far back as 1995 is an important investment protection for all HeiTel customers and is normally the focal point of all

system decisions. HeiTel VideoGateways are also environmentally friendly, because they have excellent energy balance and thus, low consequential operational running costs.

The CamControl software family and the Event Management System software offer the right application for everyone, from the Smartphone application for private users to the MultiView videowall software or Server/Client-based video alarm management system for professional monitoring centres.

HeiTel SDK (Software Development Kit) and HeiTel Web API (Application Programming Interface) also enable the integration of HeiTel video technology with existing third-party central station alarm management and video alarm management software.

HeiTel's own technology such as HTconnect®, HTcompress® or HTprotect® standardise cross-product customer requirements with strict compliance of data protection right aspects and simultaneously certify intelligent and innovative communication technology.



Detect, Alarm, Record, Transmit and Log ...



CamTel SVR

Digital video transmission system
for 4 or 10 analogue or IP cameras

... these are some of the central features of the VideoGateway product families CamTel SVR, CamServer, CamDisc SVR, CamDisc HNVR and Cam4mobile. The hardware platform has been designed especially for CCTV applications.

It forms the solid basis for digital video transmission, video recording, remote evaluation and control centre integration in order to meet the high specifications required for security applications with regard to reliability, efficiency, compatibility, and compactness.

Only tried and tested technologies and processes are employed in our products, such as HeiTel developed HTcompress®.

This image optimised differential compression algorithm combines the advantages of the motion picture compression process with those of the single image compression algorithm for high resolution images. Or the transmission procedure HTconnect®, which allows VideoGateways to be easily integrated into private and

public IP networks and therefore enables the secure connection of video systems via the Internet to decentralised control stations.

Thanks to this algorithm, which has been custom designed for security applications, HeiTel products offer above average image update rates even at low bandwidths and exceptionally long recording times compared to conventional systems with comparable hard disk sizes and recording criteria. The unique MultiLink design allows for simultaneous IP connections (LAN/WLAN, Internet, DSL, GPRS, EDGE, UMTS, HSPA, CDMA/3G) in combination with dial-up connections (PSTN/POTS, ISDN, GSM, HSCSD).

HeiTel VideoGateways are distinguished by excellent energy balance and thus, low operational and consequential costs. Additionally, HeiTel guarantees high protection of investment: all products are backward compatible, can be upgraded with additional modules, and remote software updates are free of charge.

CamServer 2c

Digital video transmission system with recording for 1 analogue and 1 IP camera or 2 IP cameras

- Optional 3G/GPS kit
- Recording onto optional Compact Flash card or external hard disk
- Real-time video recording
- Silent and energy efficient, since no ventilation fan necessary
- Small housing measurements, less weight



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CamServer 2

Digital video transmission system with local long-term recording for 2 analogue or IP cameras

- Integrated HDD
- Real-time video recording
- Silent and energy efficient, since no ventilation fan necessary
- Small housing measurements, less weight



CamDisc SVR

Digital video transmission system with local long-term recording for 4 or 10 analogue or IP cameras

- Long-term video recording onto removable hard disk drive with adaptive multi-track management for time-schedule-controlled continuous and motion recording, or contact-triggered event recording
- Multi-criteria evaluation of recordings via IP and/or dial-up connection, or in offline mode, via USB PC caddy
- Live video transmission, playback with smart search functionality and simultaneous recording (Triplex)
- Optional camera-selective recording of POS and ATM data, time-synchronised with video recording

CamDisc SVR s

Digital video transmission system with local long-term recording in real-time for 4 or 10 analogue or IP cameras

- Same features as CamDisc SVR
- Real-time recording (25 fps) of all connected cameras



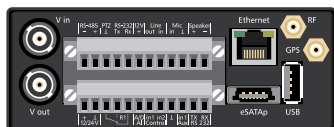


CamDisc HNVR

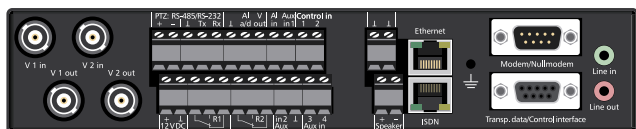
Hybrid video transmission with long-term recording for mixed operation of up to 10 analogue and IP cameras

- Specifications based on established CamDisc SVR series
- Prepared for integration of current and future IP cameras from a wide range of manufacturers
- Cost-optimised hardware design thanks to optional connection of analogue cameras using HYBRID Card 4
- Support of megapixel resolution
- Low network load even when using megapixel cameras thanks to HTcompress®
- Complete and unlimited compatibility with HeiTel receiver equipment for classical monitoring centre applications
- Manufacturer independent transmission of IP camera video streams to central monitoring stations
- Physically and functionally decoupled network connections reduce IP camera generated network load
- Recording onto integrated removable hard disk drive
- Network-based control of significant IP camera functions including PTZ function
- Product design specifically developed for security applications: fast, compact and easy to integrate





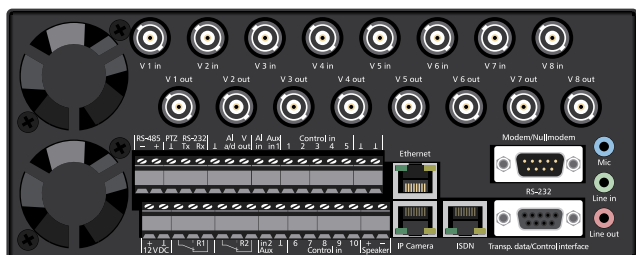
CamServer 2c



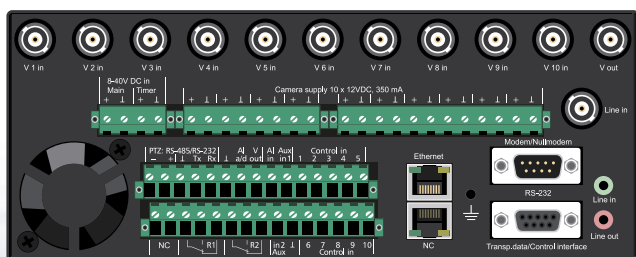
CamServer 2



CamTel SVR/CamDisc SVR



CamDisc HNVR



Cam4mobile

General Features of CamTel SVR, CamServer, CamDisc SVR, CamDisc HNVR and Cam4mobile

- Image optimised transmission and storage with 2, 4 or 10 video inputs
- Individually adjustable image resolutions up to megapixel resolution
- Compatible to ONVIF standard
- Hybrid functionality with manufacturer-neutral compatibility for analogue and IP cameras
- Free of charge implementation of hybrid functionality for existing transmitters via remote firmware update
- Integrated Multi-Unicast server supporting multiple IP network connections and simultaneous dial-up connections
- Integrated Web server enabling video transmission and camera control on a PC/Handheld using standard Web browser
- HTconnect® enables unrestricted, but safe access over the Internet to Firewall protected video systems (even with dynamic IP addresses). HTconnect® enables a continuous control of a steady connection from the public net to a private net, hence from receiver PC to video transmitters
- Camera position authentication and video loss alarm with analogue cameras
- Integrated email client for alarming to two email addresses
- Up to 5 privacy zones per analogue camera, configurable for live images or live and recorded images
- Precise recording of pre-alarm images, individually adjustable per camera and event
- Event-triggered dial-up connections by alarm contact, motion detection (with analogue cameras), serial command, technical alarm, and routine call
- Perfected for alarm verification and conformity with monitoring centre applications
- Network interfaces in conformity to VdS Germany to integrate within alarm systems based on the "VdS 2465 for Video" protocol
- Optional, bidirectional audio transmission and recording onto removable hard disk
- Integrated interfaces for Ethernet network, PTZ control, data transmission, and system integration
- Data transmission via USB interface
- Extensive remote control functions to control lighting, barriers, alarms, doors, or any relay-controlled devices
- Compact design, suitable for desk, wall and 19" mounting





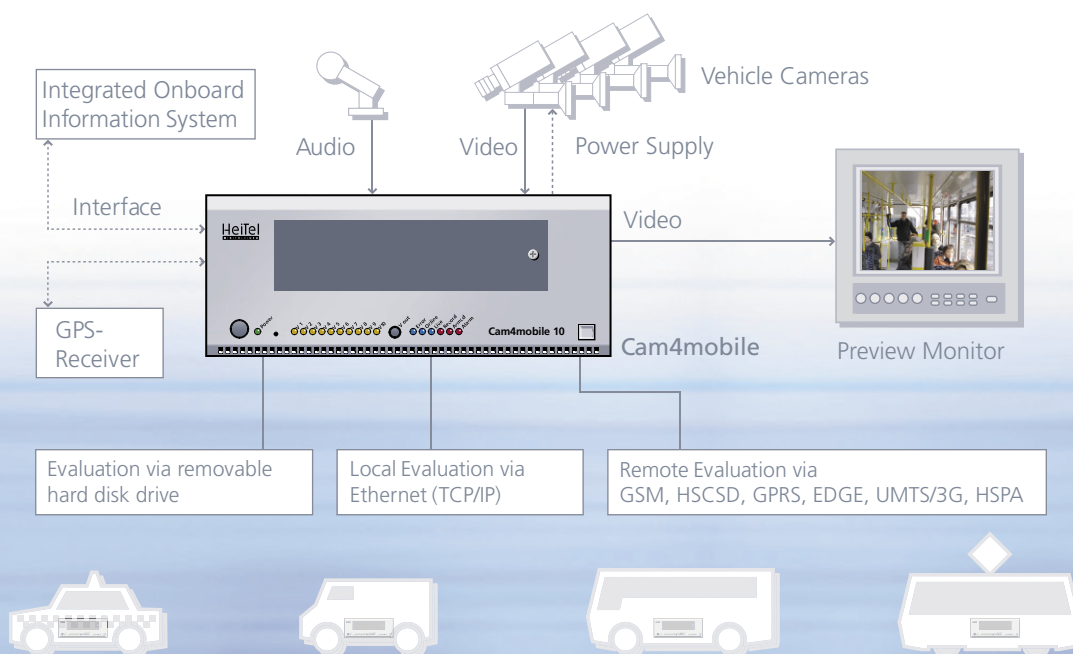
Cam4mobile

Ruggedised digital video recording and transmission system for mobile applications with 4 or 10 video inputs



- Suitable for vehicles (e.g. armoured cars)
- Compatible with remote monitoring centres
- Long-term recording onto removable hard disk drive with adaptive multi-track management optimised for mobile applications
- Audio recording on integrated hard disk drive
- Manual or event-triggered connection for live video transmission from and to remote monitoring centres
- Variable voltage power supply input and integrated 12 volt regulator for cameras
- Can be integrated into passenger information systems using optional IBIS interface with image-synchronous recording of vehicle data as well as date/time
- Image-synchronous display of IBIS data and fast, event-related data search function
- Interface for GPS receiver units for image-synchronous recording and transmission of position, direction and speed
- Display of vehicle position by means of graphic display within cartographic programmes
- Optional time synchronisation via IBIS or GPS

- Flexible connection to fleet management systems, e.g. GPRS, UMTS, HSPA used together with HTconnect®
- Reverse battery protection and extended temperature management
- Compact design, suitable for surface, flush and ceiling mounting
- Vibration Approval EN 50155 and „e-mark“ (EMC in vehicles)
- 3-dimensional mounting (horizontal, vertical, sideways)



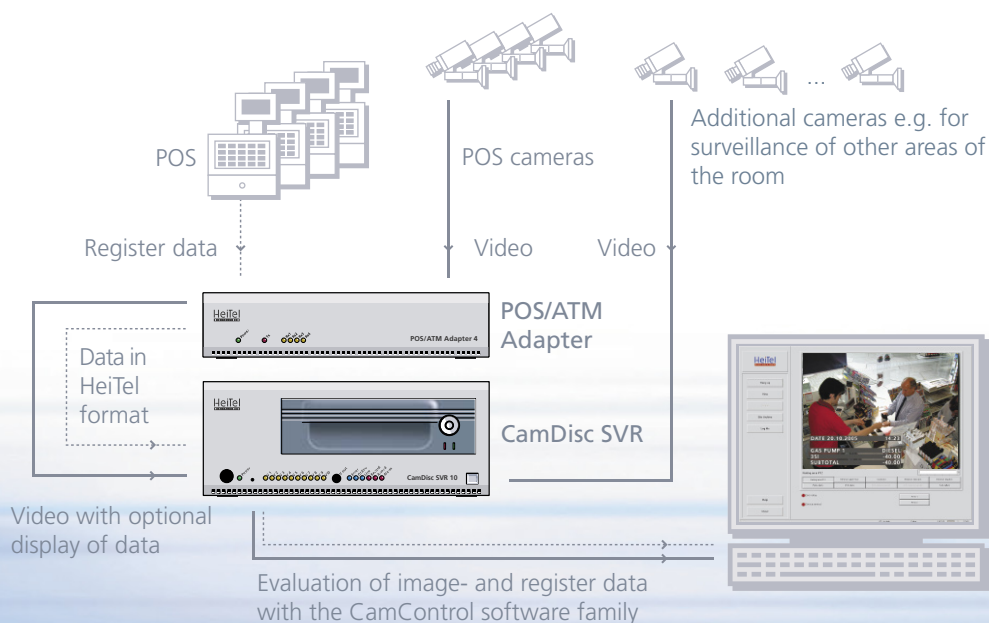
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POS/ATM Adapter

Adapter for image-synchronous data recording of up to 4 POS, ATM, Petrol stations, access control or scanner systems

- Recording of transaction data from all major POS, ATM, Petrol stations, access control or scanner systems with image-synchronous recording in CamServer, CamDisc SVR and CamDisc HNVR video archives
- Display of transaction data in the video image of all connected POS- and ATM cameras
- Remote evaluation, configuration and maintenance over CamServer, CamDisc SVR and CamDisc HNVR specific IP and dial-up connections
- Comprehensive evaluation of recorded data and associated video recordings (e.g. search for cash register date/time, item description, price) with logic AND/OR operators
- POS/ATM Adapter with 1 or 4 channels (data ports, video inputs) are available
- Cascading: operating of multiple POS/ATM Adapters in any combination (1 or 4 channels) with one or multiple CamServer, CamDisc SVR and CamDisc HNVR possible
- Connection to the data generating system possible both via RS 232 and Ethernet interfaces



Configure

Monitor

Platform-independent live image transmission and camera remote control using standard PC, Smartphone and PDA Web browser

Operation and alarm verification software for Windows Mobile based Smartphones and PDAs respectively iPhones and iPod touch

Software for stand-alone applications for operation, alarm verification and configuration

Software for stand-alone applications with Multi-Site functionality for operation, alarm verification and configuration

Web-Browser



CamControl WM/iPhone



CamControl LITE



CamControl PRO



[GSM]

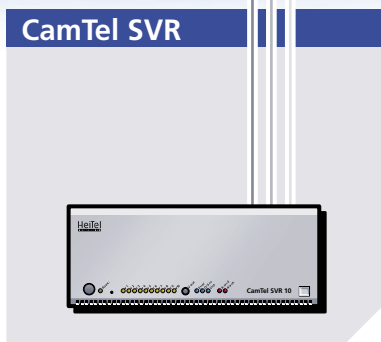
[HSCSD]

[PSTN]

[POTS]

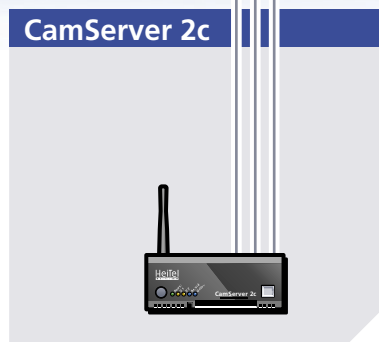
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CamTel SVR



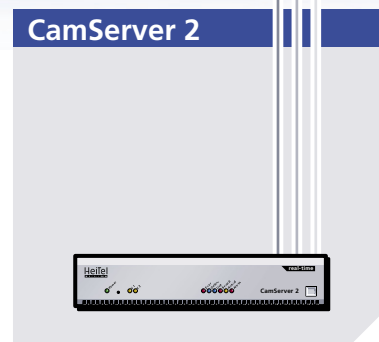
Digital video transmission system for 4 or 10 cameras

CamServer 2c



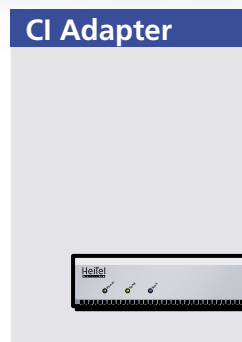
Video Server with local long-term recording for 2 cameras

CamServer 2



Video Server with local long-term recording for 2 cameras

CI Adapter



External alarm expansion with up to 50 additional control inputs

Up to 6 IP- or 5 IP- and 1 dial-up connection or 4 IP- and 2 dial-up connection
HTconnect® enables unrestricted, but safe access over the Internet

Detect

Alarm

Verify

Video wall software for the display of up to 64 live video streams with a freely definable layout on up to 4 monitors

Document

Playback and evaluation software for **CamServer-**, **CamDisc SVR-**, **CamDisc HNVR-** and **Cam4mobile-** recordings and PC archives

Integral part of:
CamControl LITE/PRO/CLIENT

Evaluate

Autonomous control centre solution with **CamControl SERVER** and **Event SERVER**, with up to 21 multiple operator stations consisting of **CamControl CLIENT** and **Event CLIENT**, including alarm management tool with dynamic alarm processing, alarm database and interactive site map administration by HeiTel

CamControl MV



CamControl PLAYER



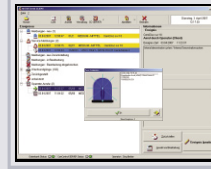
USB HDD



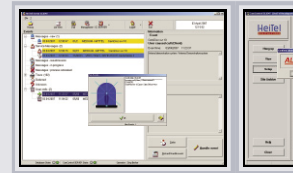
Event Management System EMS

Event CLIENT

CamControl CLIENT



EMS SERVER



[TCP/IP]

[EDGE]

[HSPA]

[DSL]

[CDMA]

[LAN]

[GPRS]

[UMTS]

CamDisc SVR



Digital video transmission system with local long-term recording for 4 or 10 cameras

POS/ATM Adapter



Adapter for image-synchronous data recording of up to 4 POS, ATM, Petrol stations, access control or scanner systems

CamDisc HNVR



Hybrid image transmission and image recording system for mixed operation of up to 10 analogue and IP cameras

Cam



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as simultaneously. Up to 4 IP connections via PC, Smartphone, PDA browser (additional to 5 standard connections).
Internet to Firewall protected video systems (also with dynamic IP-addresses) in private networks.

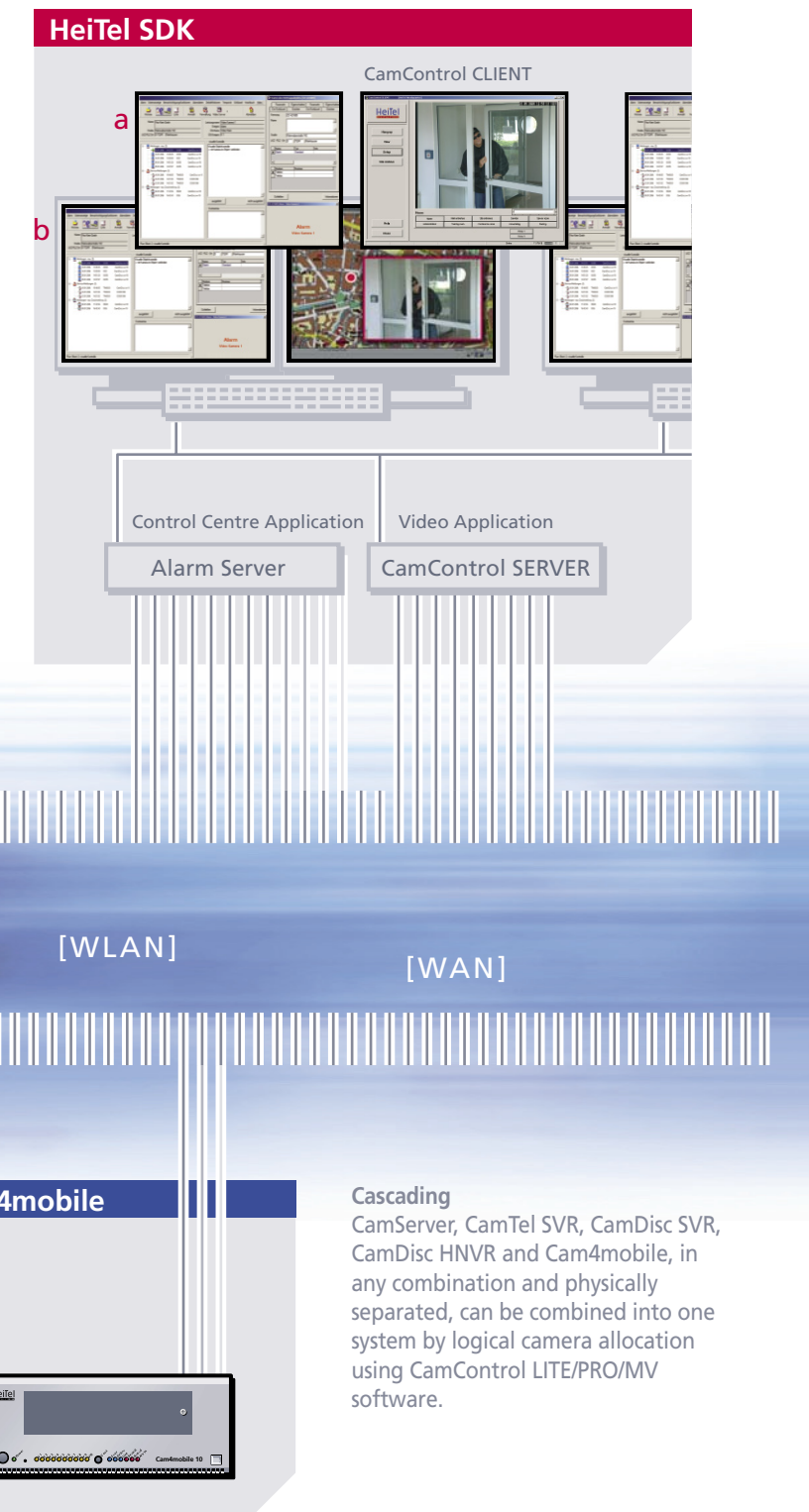
Record

Transmit

Log

ER The **HeiTel SDK** (Software Development Kit) enables receiver-side integration of HeiTel video transmitters into 3rd party monitoring centre software:

- a) Using **CamControl SERVER** and **CamControl CLIENT** or
- b) Using **CamControl SERVER** and video integration by a 3rd party manufacturer



Disised digital video recording
nsmission system for mobile
tions with 4 or 10 video inputs

The HeiTel Central Monitoring Station Philosophy

HeiTel Digital Video is one of the few worldwide operating manufacturers in the CCTV market that develops its products consistently for use within Central Monitoring Stations (CMS). We optimise our video alarm management systems for both the central administrator and the user of our receiver software. We are therefore in close communication with CMS and governing bodies for CCTV technology. Over 300 CMS are already working with HeiTel software.

The features of the HeiTel hardware and software solutions that have contributed to making it the first choice for CMS include:

- HeiTel's hardware and software products are the only products within the CCTV market that have remained completely backwards compatible for over 15 years
- Specialised software solutions with an attractive price/performance ratio for small-sized, medium-sized and large CMS
- CMS are administered directly by HeiTel Digital Video
- Free firmware and software updates via a password protected partner forum ensures that new developments can be used immediately
- Software designed with a wide range of functions tailored to the special requirements of the Central Monitoring Stations
- Intuitive software user interface for fast and efficient alarm verification/evaluation
- Flexible solutions for integrating into Intruder Detection Systems (IDS)
 - at site by hardware links with the IDS
 - in the monitoring centre by integrating into existing alarm management software
- at site by hardware links with the IDS
- in the monitoring centre by integrating into existing alarm management software
- HeiTel receiver software supports all available dial-up connections (POTS/PSTN, ISDN, GSM, HSCSD) and IP connections (LAN, WAN, xDSL, GPRS, EDGE, UMTS, HSPA, CDMA(3G))
- Dual path (redundancy) for transmission over IP networks, achieved by PSTN, ISDN, or GSM

Configure, Monitor, Verify, Document and Evaluate ...

... these are the core features of the CamControl software family, offering custom solutions ranging from standalone applications with optional Multi-Site support, to sophisticated monitoring centre applications with Multi-User functionality. The monitoring centre manager can choose between two options: A Multi-User, networked based, fully self contained system with video management and database supported alarm management;

or a solution that can be integrated into a monitoring centre's own system via HeiTel's video server. The latter connects all HeiTel video transmitters (irrespective of age or function), directly to the superordinate monitoring centre software. HeiTel's tried and tested ease-of-use philosophy continues in the new user interfaces and menu functions. Clear and unambiguous menu design makes operation easier, despite the growing technological complexity.

CamControl WM and CamControl iPhone

Operation and alarm verification software for Windows Mobile based Smartphones and PDAs respectively iPhones and iPod touch

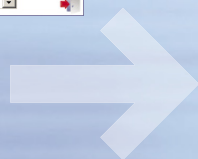
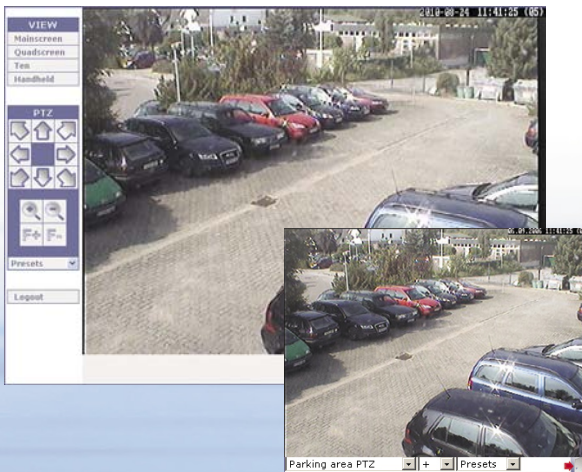
- Live video transmission, camera switching and 4-step adjustment of image quality for higher frame rate
- Support of IP cameras with up to 2560 x 1600 pixel
- Optimised display with iPad
- Video recording (archive) evaluation with search criteria (date, time or event)
- Transmission of up to 12 fps using HSPA (3.5G) connection
- Remote control of PTZ systems (pan, tilt, zoom, focus)
- Remote control of relays (e.g. lights, barriers, doors)
- Adding, altering and deletion of transmitter list entries
- Simple installation and intuitive operation
- Communication: GPRS, EDGE, UMTS, HSPA, CDMA, WLAN (IEEE802.11)

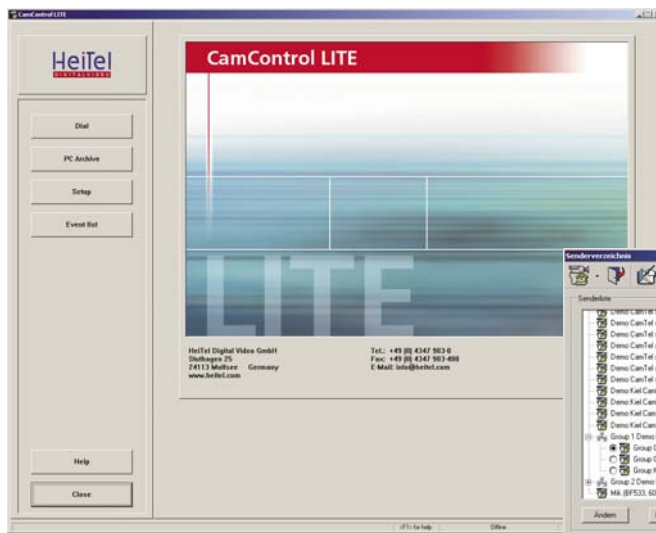


Web-Browser Applications

Platform-independent live image transmission and remote PTZ camera control via standard PC, Smartphone and PDA Web browser

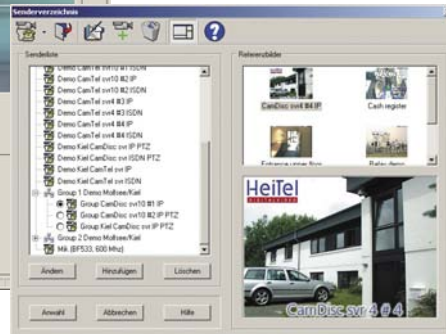
- Integral function of CamServer, CamTel SVR, CamDisc SVR, CamDisc HNVR and Cam4mobile
- Up to 4 simultaneous Web server connections in addition to up to 5 standard connections
- Password protected access
- Control of PTZ functions pan/tilt, zoom/focus and control of up to 9 fixed positions
- Single and multi image display (Quad, Ten) and display optimisation for handhelds
- Uses standard Web browser functions therefore no ActiveX security issues
- Additional Web API Integration based on http commands for optimised live video display, PTZ and relays control
- Web Browser Demo Address: <http://webserver02.heitel.com> (Username: demo, Password: demo)





CamControl LITE

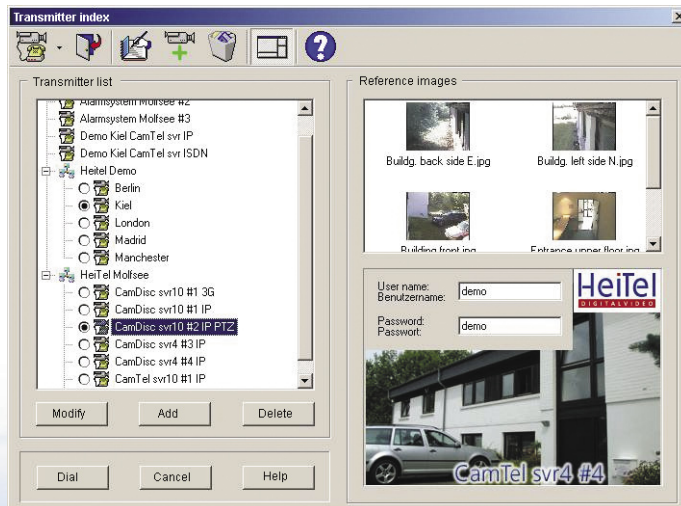
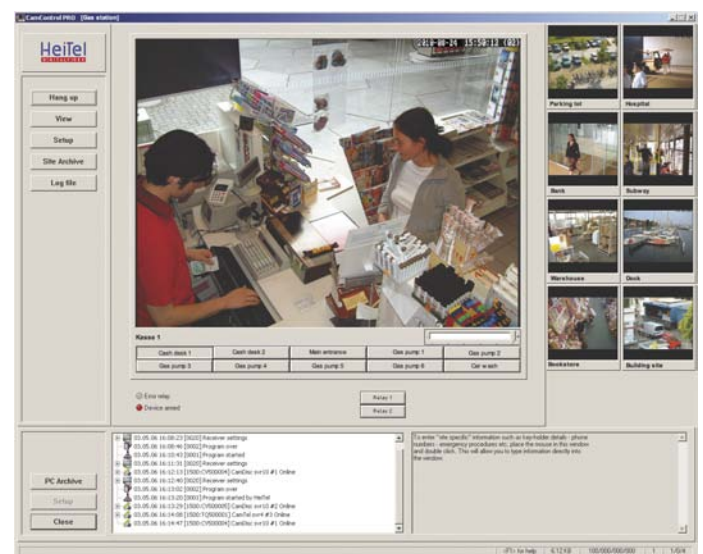
Software for stand-alone applications for operation, alarm verification and configuration of single site at a time



CamControl PRO

Software for stand-alone applications with Multi-Site functionality for transmitter operation, alarm verification and configuration

- Simultaneous video connections to up to 9 separately located video transmitters
- Information screen for site and key-holder details
- Event logging with additional features for monitoring centres
- Receiver PC records on-site audio
- Auto timed deletion of PC archive recordings



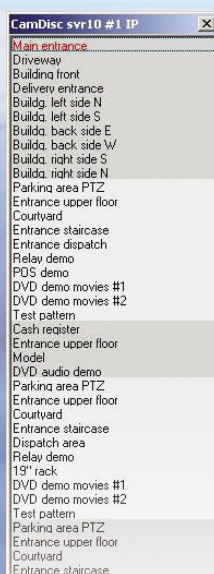
Cascading

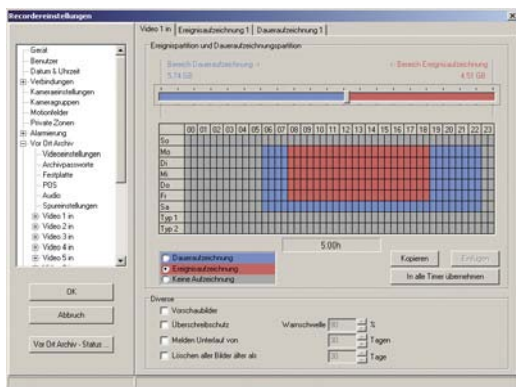
Virtual grouping of HeiTel transmitters to expand the number of video inputs and to logically combine physically separated sites

- Software-based cascading of up to 100 HeiTel systems
- Intuitive camera selection via system-spanning camera lists
- Easy configuration using the transmitter index of the CamControl software suite
- Independent of transmission medium and physical location
- Standard feature with CamControl LITE, CamControl PRO, CamControl MV and the EMS in combination with EMS Site Map
- Compatible with all the HeiTel range
- No additional cost since no extra hardware required!

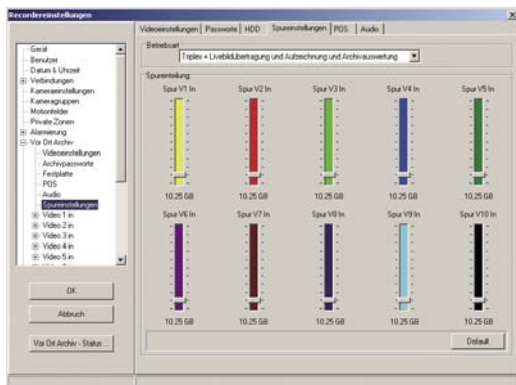
Receiver-side configuration in transmitter index menu

System-spanning camera list for camera selection

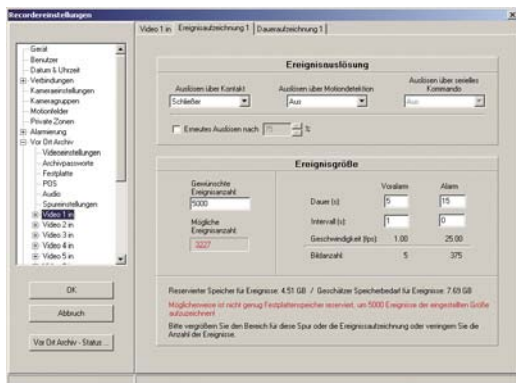




Schedule-controlled recording



Allocation of hard disk space



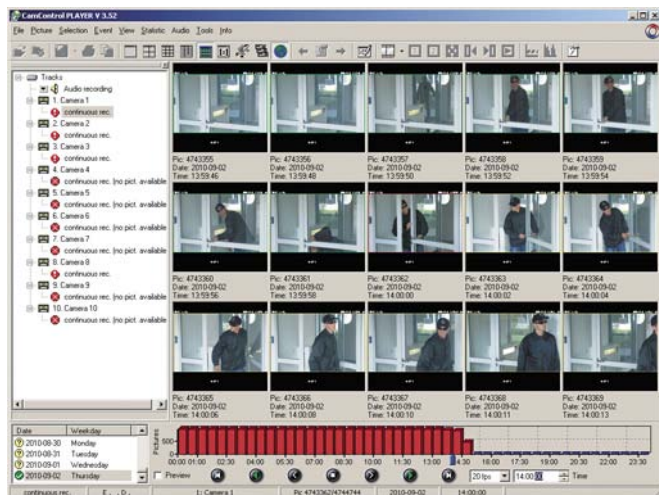
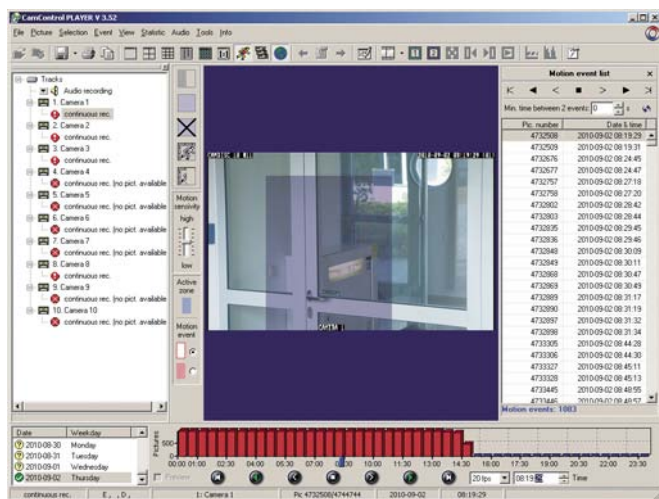
Parameterisation of the recording criteria

CamControl LITE and CamControl PRO software features

- Intuitive operation due to integrated reference image function and freely configurable camera groups
- Up to 6000 transmitters
- Support of IP cameras with up to 2560 x 1600 pixel
- Software-based cascading of up to 100 HeiTel systems
- Online evaluation of pre-alarm sequences and hard disk archives with fast search preview function
- Automatic connection to transmitter generated alarms; freely programmable dial-in tours and Call-Back functionality
- HTconnect® enables unrestricted, but safe access over the Internet to firewall protected video systems (also with dynamic IP addresses) in private networks. Additionally HTconnect® controls permanently the availability of the entire system from public net over private net to video transmitters.
- Comprehensive evaluation of POS and ATM data and associated video recordings (e.g. search for cash register date/time, item description, price)
- Automatic recording of all received video images
- Multiple image display with automatic transmitter detection
- Customised camera control specific to the function of all common PTZ systems
- User and location specific password administration
- Local storage of transmitter configuration profile and upload for reconfiguration
- Configuration of up to 5 privacy zones per camera
- All device functions are available via IP networks (LAN/WLAN, Internet, DSL, GPRS, EDGE, UMTS, HSPA, CDMA) and dial-up connections (PSTN/POTS, ISDN, GSM, HSCSD)
- Event logging of essential functions and information relevant for monitoring centres
- Backwards compatible with all HeiTel video transmitters manufactured to date
- Multilingual user interface: English, French, German, Italian, Spanish

Freely configurable camera groups





CamControl PLAYER

Playback and evaluation software for CamServer, CamDisc SVR, CamDisc HNVR and Cam4mobile recordings and PC archives (online and offline mode)

- Integral part of CamControl LITE, CamControl PRO, CamControl CLIENT
- Device independent evaluation of removable hard disks via external USB adapter
- Online evaluation of site archive with full functionality during TCP/IP connection
- Multiple playback and search functionality with video sequence and single image access and integrated Smart Search function
- Comprehensive evaluation of POS and ATM data and associated video recordings (e.g. search for cash register date/time, item description, price)
- Forward and reverse playback
- Graphical analysis with direct image access via adjustable time axis for fast image search
- Extensive image export functions for single image and video sequences (BMP, JPEG, AVI, HeiTel format and print outs)
- Integrated image authenticity tool for exported images from recordings and PC archives

CamControl MV

Video wall software for the display of up to 64 IP-based live video streams with a freely definable layout on up to 4 monitors

- Simultaneous display of up to 64 cameras (live video streams)
- Up to 64 simultaneous connections to separate video transmitters
- Up to 4 virtual monitors with individual layout profiles can be displayed on multiple screens
- Support of IP cameras with up to 2560 x 1600 pixel resolution
- Easy creation of individual monitor layouts with up to 64 differently-sized windows
- Synchronous playback of recordings with individually adjustable playback speeds of up to 2 cameras from different local archives
- System status and function profile are indicated within the respective camera window
- Automatic reconnection in the case of failure to establish link or loss of connection
- Camera-specific, visual and audible alarm event notification
- Activity monitoring of cameras displayed
- Intuitive control and operation of PTZ cameras
- Remote switching of relays via on screen buttons
- Low network load due to use of HTcompress®
- Online evaluation of pre-alarm sequences and hard disk archives
- Print and export option of individual archive images in JPEG or bitmap image formats





Event Management System EMS

HeiTel's multi-user, networked based, self contained system for remote monitoring centres. With multiple operator PC stations consisting of CamControl CLIENT video display window and Event CLIENT alarm activity and instruction window, it includes a powerful alarm management tool with dynamic alarm processing and alarm action database

- Multi-Site functionality for simultaneous connection to up to 21 video transmitters
- Operation, alarm verification and configuration for an infinite number of video transmitters
- Integrated, multi-levelled site map management tool for interactive operation and display of all basic functions
- Adjustable validity period of operator passwords
- Option for customer password authentication
- Customer-specific event notification at global and customer-specific levels
- Colour coded alarm categories
- Receiver-side event logging of all key basic functions such as user activity, user-specific entries, alarms, technical alerts etc.
- Full database search, e.g. according to date, time and site specific criteria with customised analysis function for alarm events and archive video recordings
- Alarm-specific action plans per customer, location and transmitter level with email functionality for completed actions
- Integrated logging and search function with report and list printout of logs and email functionality for logs and alarm protocols

- Fully automated site tours, both individually and weekly programmable
- De-centralised master database holding all data related to the customer, the site and the video transmitters (e.g. contact data of key-holder, installer, police, fire brigade, medical support)
- Configurable client operator rights allows for the decentralised maintenance of the master database as well as the administration and configuration of any remote site
- Online evaluation of pre-alarm sequences and hard drive archives with video preview function
- Automatic connection to transmitter-side alarms, freely programmable observation tours and call-back function
- Automatic storage of all received video in the central receiver archive
- Multi video display with automatic transmitter detection
- Made-to-measure PTZ control for more than 40 different camera types taking manufacturer-specific functions into consideration
- Control of up to 18 relays per transmitter to operate lighting, gates etc.
- User-specific password management with individually configurable user rights
- All device functions available via IP networks (LAN/WLAN, Internet, DSL, GPRS, EDGE, UMTS, HSPA, CDMA) and dial-up connections (PSTN/POTS, ISDN, GSM, HSCSD)
- Backwards compatible with all HeiTel video transmitters installed to date
- Multilingual user interface

Optional add-ons:

EMS TAPI

TAPI (Telephony Application Programming Interface), allows for integration with an existing compatible telephone system and therefore simplifying operation and reducing errors (e.g. automatic dialling of site specific phone numbers).

EMS Site Map

A multi-level site plan allows for access to cameras or transmitters via an interactive, freely configurable GUI (Graphical User Interface). With the ability to select individual remote sites and then select specific cameras based on a "site map" of the customers premises, this is a very powerful add on especially for operators who do not have an intimate knowledge as to the layout of the remotely monitored site.

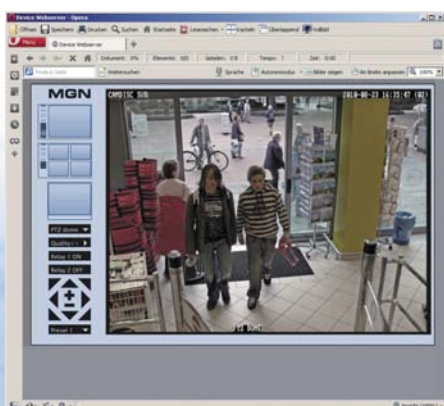




Integration of HeiTel video technology in alarm management systems

CCTV has become an important topic for many monitoring centres, because new avenues of business are opened up with video-based services. In addition to visual alarm verification and alarm preliminary tests (e.g. automatic security guard tours, remote control, analysis of video recordings etc), active video intervention is possible with the help of audio transmission.

The integration of video technology into existing alarm management systems enables operation via a single software interface and the cross-system management of system data and object information in a central database. The options available for software integration range from standardised system interfaces using our Web API (Application Programming Interface) which is standard in every HeiTel-VideoGateway, through to the integration of HeiTel video servers with full-blown alarm management systems using the HeiTel SDK (Software Development Kit).



HeiTel SDK

HeiTel SDK is made up of CamControl SERVER and CamControl CLIENT software and enables receiver integration of HeiTel VideoGateways into the 3rd party control centre software.

The CamControl SERVER is powerful piece of video receiver equipment that is integrated into control centre software via a TCP/IP-based interface. Integration can be done with minimum development effort using our CamControl CLIENT software, since the user interface for video functionality and all other control functions is already provided. Furthermore, free software updates provide constant enhancements to HeiTel system performance features, without having to adjust higher-level management software.

As an alternative to using CamControl CLIENT to handle the video, the video can be displayed in a user interface provided by the manufacturer.

HeiTel Web API

The HeiTel Web API, which all HeiTel VideoGateways are equipped with, is a programming interface based on hypertext transfer protocol (http). The interface enables the display of live images and also the playback of recorded images. In addition, system status can be retrieved via the Web API and functions - such as PTZ control of dome cameras or switching of internal relays for external equipment control. An IP connection between the third-party application and the HeiTel video system is required to be able to use the Web API. The HeiTel Web API enables free programming of custom applications based on http.



HeiTel technique's.

Solution-oriented. Efficient.

Product-independent.

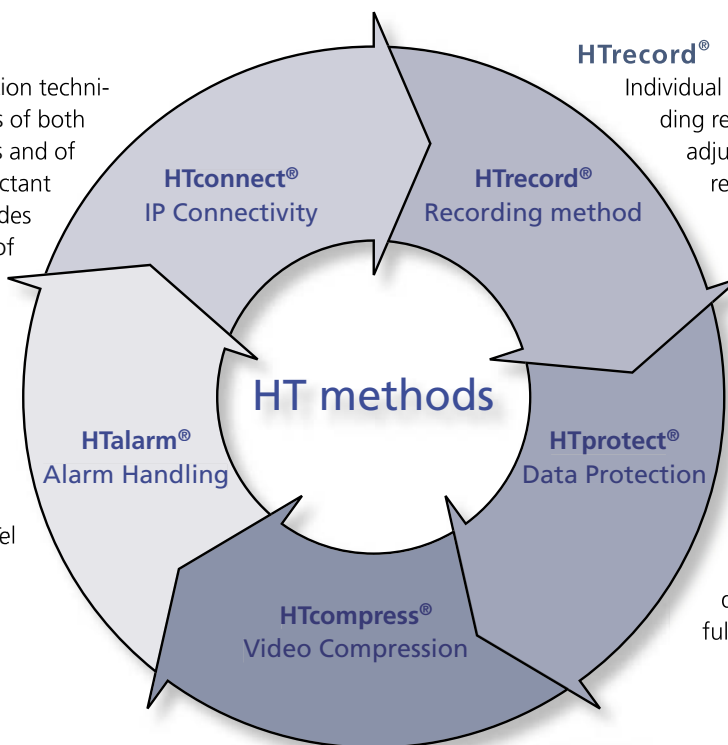
HeiTel has developed numerous procedures throughout its long corporate history, in order to standardise customer requirements under strict compliance with security-related aspects across all products.

HTconnect®

An innovative HeiTel communication technique that overcomes the problems of both dynamically assigned IP addresses and of firewalls that the customer is reluctant to configure. Additionally it provides constant end to end monitoring of the IP signal between monitoring station and our VideoGateway.

HTalarm®

HeiTel-VideoGateways have multiple system interfaces and logic functions that are combined as HTalarm®. HTalarm® enables HeiTel VideoGateways to be integrated with ease into complex security systems.



HTrecord®

Individual and intuitively adjustable recording response that enables optimal adjustment to different, site-specific requirements.

HTprotect®

Data protection, data security and prevention of data manipulation are crucial criteria for professional video monitoring technology. These demanding requirements are fulfilled with HTprotect®.

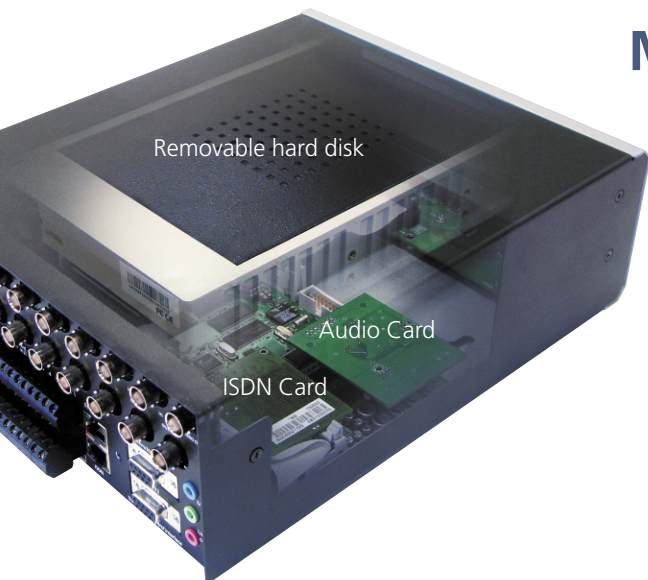
HTcompress®

Highly efficient, proven and optimised quality oriented video compression method. HTcompress® drastically reduces video data volume while maintaining high image quality and true-to-detail reproduction of images that have been saved and transmitted. Compared to other modern compression techniques, HTcompress® has the advantage that details remain sharp even with a high degree of movement in the image.

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Modular Design.

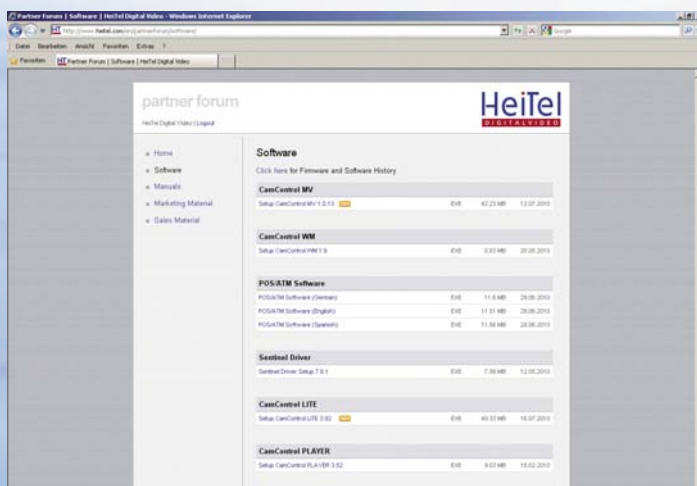


R16 Adapter



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Support.



Partner Forum

Hard disks and accessories

- Removable hard disks for CamDisc SVR up to 2TB, pre-mounted in frame
- Removable hard disks for Cam4mobile up to 500 GB
- PC Kit CamDisc USB: External USB caddy for evaluation of CamDisc removable hard disks

Mountable modules

- HYBRID Card: Module for connection of up to 4 analogue cameras to CamDisc HNVR
- Audio Card: Audio module for bidirectional audio/voice transmission and recording
- ISDN Card: ISDN module with BRI for transmission via one B-channel (ISDN-2E)
- PSTN Card: MODEM for analogue dial-up connections

External adapters

- Dial-up MODEM and transmission adapters (ISDN, UMTS/3G, GSM) for integration into public and private networks
- CI Adapter: Up to 50 additional alarm control inputs with the ability to control dome presets
- IBIS Adapter: Adapter for connection of Cam4mobile to an integrated on-board information system (IBIS)

Mounting kits

- 2U installation kit for 19" mounting of up to two devices of the SVR series, CamDisc HNVR and Cam4mobile
- 1 U installation kit for 19" mounting of 1U device (CamServer, POS/ATM adapter, CI adapter)
- CamMount Kit: Two-part installation kit for horizontal, vertical and sideways mounting in vehicles as well as for strain-relief; suitable for Cam4mobile or SVR/HNVR series

Hotline

- Reachable at +49 (0)4347 903 351 or via support@heitel.com

Partner Forum

- Software, Technical Documentation, Sales and Marketing Material. Available 24/7 at www.heitel.com

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- Multimedia CD-ROM for presentation, coaching and self-coaching. Order a free copy at marketing@heitel.com



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