

HeiTel VideoGateways in comparison



Function	CamTel SVR 4/10	CamServer 2c	CamServer 2	CamDisc SVR 4/10 CamDisc SVR 4s/10s	CamDisc HNVR 10	Cam4mobile 4/10
Video						
Video Standard CCIR/PAL and EIA/NTSC	✓	✓	✓	✓	with HYBRID Card 4	✓
Video compression	(M)JPEG, HTcompress	(M)JPEG, HTcompress	(M)JPEG, HTcompress	(M)JPEG, HTcompress	(M)JPEG, HTcompress	(M)JPEG, HTcompress
Max. resolution	720x288	720x288	720x288	720x288	720x288	720x288
Video inputs	4/10	1	2	4/10	4 per HYBRID Card	4/10
Video output sequencer	1	-	-	1	-	1
Motion Detection (internal cameras only)	✓	✓	✓	✓	with HYBRID Card 4	✓
Video signal monitoring	✓	✓	✓	✓	✓	✓
Camera position authentication	✓	✓	✓	✓	with HYBRID Card 4	✓
IP cameras						
Resolution	up to 4 Megapixel	up to 4 Megapixel	up to 4 Megapixel	up to 4 Megapixel	up to 4 Megapixel	up to 4 Megapixel
Hybrid function	✓	✓	✓	✓	✓	✓
Video inputs IP cameras	4/10	2	2	4/10	10	4/10
Image transmission and recording with HTcompress	-	-	-	-	✓	-
Audio (optional)						
Audio transmission with Audio Card	✓ with Audio Card option	✓ with Audio Card option	✓ with Audio Card option	✓ with Audio Card option	✓	✓
Audio inputs (1 channel)	switchable Mic/Line in	switchable Mic/Line in	Line in	switchable Mic/Line in	switchable Mic/Line in	Line in
Audio outputs (1 channel)	speaker 1 W 8 Ohm or Line out (1 Vss)	speaker 1 W 8 Ohm or Line out (1 Vss)	speaker 1 W 8 Ohm or Line out (1 Vss)	speaker 1 W 8 Ohm or Line out (1 Vss)	speaker 1 W 8 Ohm or Line out (1 Vss)	Line out (1 Vss)
Transmission, Recording						
MultiCast, Multi-Unicast	✓	✓	✓	✓	✓	✓
HTconnect	✓	✓	✓	✓	✓	✓
No. of parallel connections	6 (+ 4 via Webserver)	6 (+ 4 via Webserver)	6 (+ 4 via Webserver)	6 (+ 4 via Webserver)	6 (+ 4 via Webserver)	6 (+ 4 via Webserver)
Triplex	-	✓	✓	✓	✓	✓
Max. recording speed	CamTel is without HDD	Real-time (25fps/channel)	Real-time (25fps/channel)	SVR: 25 fps/device SVR s: Real-time (25fps/channel)	Real-time (25fps/channel)	25pps/device
Recording on changeable hard drive disk (for available HDD consult price list)	CamTel is without HDD	✓ (optional CF Card/ external HDD)	✓ (500 GB fixed internal HDD)	✓	✓	✓
Pre-alarm recording (RAM)	ca. 1000 images	-	-	-	-	-
Multi-track recording with x tracks	-	2	2	4/10	10	4/10
Max. no. of events per camera track	-	50.000	50.000	50.000	50.000	50.000
Timer controlled recording	-	✓	✓	✓	✓	✓
Event and continous recording in one track	-	✓	✓	✓	✓	✓
Alarm controlled automated connection	✓	✓	✓	✓	✓	✓
Manually controlled connection	✓	✓	✓	✓	✓	✓
Technical alarm controlled connection	✓	✓	✓	✓	✓	✓
Callback function	✓	✓	✓	✓	✓	✓
Automated connection at device (re)boot	✓	✓	✓	✓	✓	✓
Privacy Zones	✓	✓	✓	✓	✓	✓
Alarming via E-Mail	✓	✓	✓	✓	✓	✓
Remote control functions						
Individual user profiles	✓	✓	✓	✓	✓	✓
Live image transmission	✓	✓	✓	✓	✓	✓
Recorded image transmission	-	✓	✓	✓	✓	✓
Evaluation of pre-alarm recordings	✓	-	-	-	-	-
Configuration	✓	✓	✓	✓	✓	✓
Firmware Update	✓	✓	✓	✓	✓	✓
Interfaces						
LAN interface for networks (100 MBit/s)	✓	✓	✓	✓	✓	✓
LAN interface for IP cameras (1 GBit/s)	-	-	-	-	✓	-
USB	✓	✓	✓	✓	✓	✓
Internal ISDN Card/PSTN Card (optional)	optional	-	optional	optional	optional	-
Internal 3G/GPS Card (optional)	-	✓	-	-	-	-
External dial up adapter	via V.24	-	via V.24	via V.24	via V.24	via V.24
Dome/PTZ control	integrated	integrated	integrated	integrated	integrated	integrated
Transparent data channel/control interface	✓	✓	✓	✓	✓	✓
Camera selective control inputs	4/10	1	2	4/10	10	4/10
Camera selective control inputs (with optional CIO Adapter)	50	50	50	50	50	50
Arming/disarming inputs, alarm inputs	1; 1	1; 1	1; 1	1; 1	1; 1	1; 1
Additional control inputs	2	2	2	2	2	2
Internal relay output	2	1	2	2	2	2
Additional relay outputs (via CIO Adapter)	8	8	8	8	8	8
EMA (VdS 2465 S3)	✓	✓	✓	✓	✓	✓
POS/ATM Adapter	-	optional	optional	optional	optional	-
IBIS Adapter	-	-	-	-	-	optional
GPS	optional GPS receiver	optional (internal)	optional GPS receiver	optional GPS receiver	optional GPS receiver	optional GPS receiver
General						
Operating system	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
Power on/off switch	✓	✓	✓	✓	✓	✓
Status display on front panel	10 LED/16 LED	5 LED	9 LED	11 LED/17 LED	17 LED	11 LED/17 LED
Log file	✓	✓	✓	✓	✓	✓
Watchdog	✓	✓	✓	✓	✓	✓
Power supply	system error relay external switched power supply 100-240V AC	system error relay external switched power supply 100-240V AC (optional)	system error relay external switched power supply 100-240V AC	system error relay external switched power supply 100-240V AC	system error relay external switched power supply 100-240V AC	system error relay external switched power supply 100-240V AC (optional)
Rated operating voltage	12V DC	12V DC	12V DC	12V DC	12V DC	12-24V DC
Current Consumption (with rated voltage 12V)	typical 0,4A (4) typical 0,4A (10)	typical 0,4A	typical 0,9A	SVR: typical 1,1A (4) SVR s: typical 1,5A (4) SVR s: typical 2,3A (10) SVR s: typical 2,2A (10)	typical 4,1A resp. 4,6A with 1x HYBRID Card	typical 1,1A (4) typical 1,4A (10) integr. power supply for 4/10 cameras á 350mA at 12V DC
Ambient temperature	+5°C to +55°C	+5°C to +50°C	+5°C to +45°C	+5°C to +40°C	+5°C to +40°C	+5°C to +50°C
Housing/Enclosure	desktop, wall, 19"	desktop, wall, 19"	desktop, wall, 19"	desktop, wall, 19"	desktop, wall, 19"	horizontal mounting
19" Mount Kit	optional	in preparation	optional	optional	optional	-
CamMount Kit	optional	-	optional	optional	optional	optional
Dimensions in mm (WxHxD)	221x88x270	116x44x137	221x44x270	221x88x270	221x88x270	221x88x300
Weight in kg	2,9	ca. 1	1,5 incl. HDD	3,8 incl. HDD	3,8 incl. HDD	4 incl. HDD
Certificates	CE/FCC	CE/FCC	CE	CE, BG-Prüfzert, FCC (CamDisc 4/10 SVR)	CE	CE, EN 50155, "e-mark"
Warranty	24 months	24 months	24 months	24 months	24 months	24 months
Scope of Delivery	QIG, Software incl. manual, power supply	QIG, Software incl. manual, power supply	QIG, Software incl. manual, power supply, HDD	QIG, Software incl. manual, power supply	QIG, Software incl. manual, power supply	QIG, Software incl. manual

HeiTel software products in comparison



Function	Browser/Web server	CamControl iPhone CamControl Android CamControl WM	CamControl LITE	CamControl PRO	CamControl MV	CamControl PLAYER	CamControl SERVER/CLIENT	EMS Event Management System
Application	Platform-independent live image transmission and camera remote control via PC, Smartphone and PDA browser; integral function of CamTel SVR, CamServer 2, CamServer 2c, CamDisc SVR, CamDisc HNVR and Cam4mobile	Operation and alarm verification software for iPhone, iPad and iPod touch, Android based Smartphones and tablet PCs, Windows Mobile (5 & 6/6.1) based Smartphones and PDAs	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	Video wall software for the display of up to 64 live video streams with a freely definable layout on up to 4 monitors	Playback and evaluation software for CamServer, CamServer 2c, CamDisc SVR, CamDisc HNVR and Cam4mobile recordings and PC archives	For integration into "Alarm Receiving Centres". Video server software used in conjunction with up to 21	Complete Client-Server monitoring station solution software with up to 21 "Clients". Optional EMS TAPI and EMS site map package.
Multi-User Functionality	✓	-	-	-	-	-	✓	✓
Simultaneous connections to different transmitters/sites	1 site per Browser	1	1	9	64	-	21	21, 1 site per Client
Multi-view modes	PC browser: 1-, 4- and 10-times	1-time	1-, 4- and 10-times	1-, 4- and 10-times	1-time to 64-times	1-, 4-, 10-times and Slide View	1-, 4- and 10-times	1-, 4- and 10-times
Maximum no. of transmitters/sites	unlimited	unlimited	6000	6000	unlimited	6000	6000	unlimited
PTZ control	✓	✓	✓	✓	✓	-	✓	✓
Relay control	✓	✓	✓	✓	✓	-	✓	✓
Dynamic alarm lists with manual alarm handling	-	-	-	-	-	-	-	✓
Automatic connection via transmitter-side alarms	-	-	✓	✓	-	-	✓	✓
Operator-controlled connection	✓	✓	✓	✓	✓	-	✓	✓
Transmitter-specific information text	-	-	-	✓	-	-	-	✓
Log file function for operator comments	-	-	-	✓	-	-	-	✓
Live image transmission	✓	✓	✓	✓	✓	-	✓	✓
Replay of recorded images	-	✓	✓	✓	✓	✓	-	✓
Evaluation of pre-alarm archive	-	-	✓	✓	-	-	-	✓
IP camera support	✓	✓	✓	✓	✓	✓	✓	✓
Audio transmission/Audio function	-/-	-/-	✓/✓	✓/✓	✓/✓	-/✓	✓/✓	✓/✓
Smart Search function (analogue cameras)	-	-	✓	✓	-	✓	-	✓
Video transmission recording on local PC hard drive	-	-	✓	✓	-	-	✓	✓
Export of single images	-	-	JPEG & BMP	JPEG & BMP	JPEG & BMP	JPEG & BMP	JPEG & BMP	JPEG & BMP
Export of video sequences from PC archive	-	-	✓	✓	-	✓	✓	✓
Export of video sequences from CamDisc/CamServer archive	-	-	✓	✓	✓ (max. 60 min)	✓	✓	✓
Hard copy on PC printer	-	-	✓	✓	✓	✓	-	✓
Evaluation of log file	-	-	✓	✓	-	✓	✓	✓
Remote controlled configuration of transmitter	-	-	✓	✓	-	-	✓	✓
Firmware Update via Remote service	-	-	✓	✓	-	-	✓	✓
Save device settings on PC	-	-	✓	✓	-	-	✓	✓
HTconnect	-	-	✓	✓	-	-	✓	-
POS/ATM/IBIS evaluation	-	-	✓	✓	-	✓	✓	✓
Local Audio recording	-	-	-	✓	-	-	✓	-
"Cascading" Grouping of transmitters	-	-	✓	✓	up to 64 transmitters	-	✓	-
Online view at start of connection	-	-	✓	✓ (in main panel / if applicable in side panels sequential live image sequence)	freely definable Layout on up to 4 monitors	-	✓ (in main panel / if applicable in side panels sequential live image sequence)	✓
General								
Operating system	Platform-independent	iOS 2.2 or higher Android V2.0 or higher, Windows Mobile 5 or 6/6.1	Windows XP, Vista, Win 7 (32 bit and 64 bit)	Windows XP, Vista, Win 7 (32 bit and 64 bit)	Windows XP, Vista, Win 7 (32 bit and 64 bit)	Windows XP, Vista, Win 7 (32 bit and 64 bit)	Windows XP, Vista, Win 7, Windows Server 2003/2008	Windows XP, Windows Server 2003/2008
Access protection	✓	individual user profiles	individual user profiles	individual user profiles	individual user profiles	✓	individual user profiles	individual user profiles
Menu languages	EN	DE, EN	DE, EN, FR, IT, ES, DK, NL, SE, PT, PL other languages on demand	DE, EN, FR, IT, ES, DK, NL, SE, PT, PL other languages on demand	DE, EN	DE, EN, FR, IT, ES, DK, NL other languages on demand	DE, EN, FR, IT, ES, DK, NL, PT, SE, RU other languages on demand	DE, EN, FR, IT, ES, PL, PT, RU other languages on demand
Scope of Delivery	-	Online distribution of software Apple App Store, Android Market, resp. online distribution and documentation	Documentation, Installation CD	Documentation, Installation CD, copy protection	QIG, Installation CD incl. Documentation, copy protection	Documentation, Installation CD	Documentation, Installation CD, copy protection	Documentation, Installation CD
Hardware compatibility	CamTel SVR, CamDisc SVR, Cam4mobile, CamDisc SVR s, CamServer 2, CamServer 2c, CamDisc HNVR	CamTel SVR, CamDisc SVR, Cam4mobile, CamDisc SVR s, CamServer 2, CamServer 2c, CamDisc HNVR	all HeiTel transmitters since 1990	all HeiTel transmitters since 1990	CamTel SVR, CamDisc SVR, Cam4mobile, CamDisc SVR s, CamServer 2, CamServer 2c, CamDisc HNVR	all HeiTel transmitters since 1990	all HeiTel transmitters since 1990	all HeiTel transmitters since 1990