

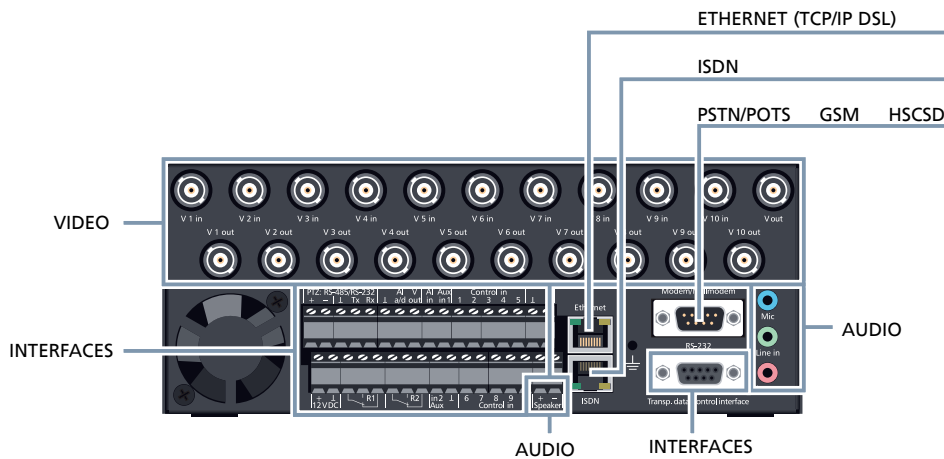
CamTel^{svr} 4

CamTel^{svr} 10



- Image optimised transmission and storage with 4 or 10 inputs
- Individually adjustable image resolutions up to 720 x 288 pixels
- Integrated Multi-Unicast server supporting multiple IP network connections and simultaneous dial-up connections
- Integrated Web server for up to 4 IP connections for video transmission and camera remote control via PC/Handheld browser
- Definition of up to 5 privacy zones per camera with the options live images or live and recorded images
- Precise recording of pre- and post alarm images, individually adjustable to camera and event
- Event-triggered connections by alarm contact, motion detection, serial command, technical alarm, and routine call
- Perfected for alarm verification and conformity with control centre applications
- Full-duplex voice communication via bidirectional audio transmission
- Integrated interfaces for network, camera remote control, data transmission, and system integration
- Extensive remote control functions to control lighting, barriers, alarms, doors, or any relay-controlled devices
- Compact design, suitable for desk, wall and 19" mounting





Video	
Video standard	CCIR/PAL and EIA/NTSC
Video compression	(M)JPEG differential compression with adjustable compression factor per camera
Picture formats	Transmission: 720 x 288, 512 x 256, 256 x 128, 128 x 80 pixels and 16 Bit colour depth
Video inputs	4 or 10 x CVBS (BNC), 1 Vpp/75 Ohm with loop through outputs (auto-termination)
Video output	Camera switcher with manual, alarm and sequence control; 1 x CVBS (BNC), 1 Vpp/75 Ohm
Motion Detection	Selectable per camera with adjustable detection zones for alarm transmission and storage of (pre-) alarm images (RAM)
Video signal monitoring	Video signal monitoring (sync. and picture content) for all cameras
Audio (Option)	
General	Optional plug-in module (Audio Card) for bidirectional audio transmission
Audio compression	True Speech Codec, 16 Bit, 80-4000 Hz
Audio inputs	1 x line in (0.2 Vpp, nominal 0.775 Vpp) or Mic in (electret or electrostatic microphone)
Audio output	1 x line out (0.2 Vpp, nominal 0.775 Vpp) and 1 speaker out (1 Watt/8 Ohm)
Transmission, Recording	
General	Video and audio transmission, recording of (pre-) alarm images
MultiCast, Multi-Unicast	Up to 6 IP- or 5 IP- and 1 dial-up connection or 4 IP- and 2 dial-up connections simultaneously
Web server	Up to 4 IP connections via PC/Smartphone/PDA browser (additional to 5 standard connections)
Video transmission of live images	With up to 25 fps via IP (LAN, Internet, DSL) and dial-up (PSTN/POTS, ISDN, GSM, HSCSD, UMTS/3G)
Recording media	28 MByte RAM for pre-alarm images only (1400 images)
Trigger to initiate transmission/recording	Dry contact, built-in motion detection
Privacy zones	Up to 5 privacy zones per camera; options for each camera: live or live and recorded images
Recording modes	Pre-alarm recording until connection (RAM)
Recording interval	Adjustable between 0-99 seconds (value "0" = as fast as possible)
Callback	Automatic callback to pre-programmed receiver stations with CamControl software
Remote access and evaluation	
General features	Remote access to live images, pre-alarm images and remote setup/maintenance via receiver software

Reference images	Transmitter list and camera selection supported by object specific reference images
Access protection	Multiple password levels and sophisticated user management
Interfaces	
LAN interface	10/100 Mbit/s built-in network adapter, RJ45 connector
Internal ISDN adapter	optional ISDN plugin module (1 B-Channel), RJ45 connector
External dial-up adapters	PSTN/POTS-, ISDN-, GSM-, HSCSD-adapters via RS-232 interface (9 pin Sub-D)
PTZ Control	Via onboard RS-232/485 (422) interface (screw/clamp)
Transparent data channel/control interface	Via onboard RS-232 interface (9 pin Sub-D)
Alarm inputs	4 or 10 alarm inputs (camera related), 1 general alarm input, 1 arm/disarm and 1 tamper input (all on screw terminals)
Control outputs	2 relays-system error and/or remote control purposes (changeover contact on screw/clamp scrimp), max. 30 V DC/1 A, 60 V DC/0.3 A, 125 V AC/0.5 A
General	
Operating system/system design	Embedded Linux/dedicated hardware (no PC) design
Control and display element	On-Off Switch, push button for manual camera selection and status LED
Setup and software update	Via local and/or remote receiver station via IP WAN and/or LAN connections
Logging	Transmitter-side event logging of essential basic functionalities and device status
Power supply	External switched power supply, 100-240 V AC, 50/60 Hz, 12 V DC at max. 3.5 A, 42 W
Ambient temperature	+5°C ... +40°C (+41° ... +104°F)
Housing/Enclosure	Desktop and wall mounting: 221 x 88 x 270 (WxHxD mm) 19" mounting: 1/2 19" x 2RU x 275 mm (WxHxD)
Weight	2.9 kg
Approvals	CE (EN 61000-6-3, EN 55022, Kl.B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2, EN 61000-4-2, -3, -4, -5, -6, EN 50204, EN 50130-4); BG-Prüfzert
Options	ISDN Card, Audio Card, dial-up adapters, 19" Mount Kit, CamMount Kit
Warranty	24 month

Your authorised dealer

Availability and technical specification are subject to change without notice