

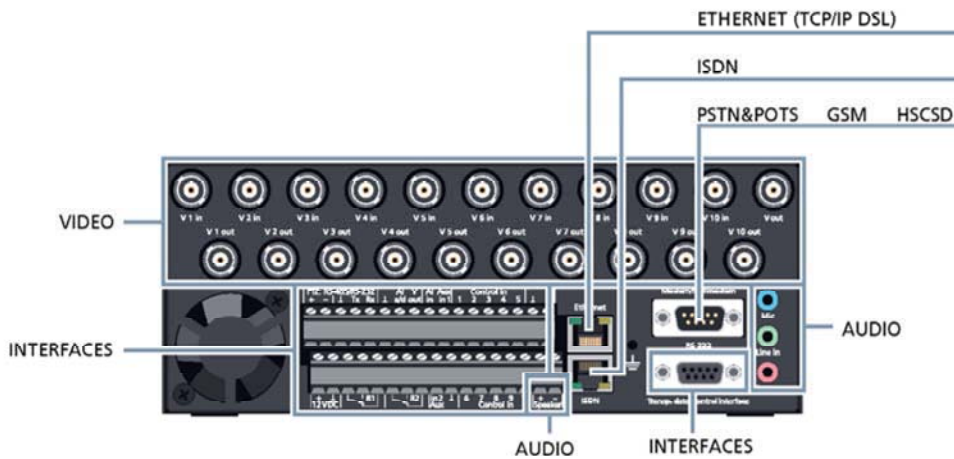
CamDisc^{svr} 4

CamDisc^{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/Smartphone/PDA 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
- Long-term recording onto removable hard disk drive with adaptive multi-track management for schedule-controlled permanent and motion, contact respectively serial command recording, or contact-triggered event recording, respectively
- Multi-criteria evaluation of recordings via IP and/or dial-up connection, and in offline mode via PC adapter kit
- Live video transmission and simultaneous playback and recording (Triplex)





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 color depth Recording: 720 x 288, 512 x 256 pixels and 16 Bit color 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 event-triggered recording (HDD)
Video signal monitoring	Video signal monitoring (sync. and picture content) for all cameras
Audio (option)	
General	Optional plugin-module (Audio Card) for bidirectional audio transmission
Audio compression	True Speech Codec, 16Bit, 80-4000Hz
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 and playback at the same time; online evaluation via local and remote receiver station or offline via removable HDD
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/Handheld browser (additional to 5 standard connections)
Video transmission of Live and recorded images	with up to 25 fps via IP (LAN, Internet, DSL) and dial-up (PSTN/POTS, ISDN, GSM, HSCSD, UMTS)
Recording speed	up to 25 fps in total depending on compression mode, image content and Bit rate
Recording media	removable (E)IDE drive (80, 120, 200 or 320 GByte) with adaptive track management (4 or 10 tracks)
Trigger to initiate transmission/recording	dry contact, built-in motion detection, serial command and timer based calendar
Privacy Zones	up to 5 privacy zones per camera; options for each camera: live or live and recorded images
Recording modes	image sequence, up to 50,000 events per camera with pre- and post alarm, continuous recording, all modes in conjunction with built-in timer based calendar
Recording interval	Event recording: interval=0-999s and duration=1-999s separately adjustable for pre- and post alarm; continuous recording: interval=0-999s timer controlled (event optimised recording possible) (value "0"=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, recorded images and remote setup-/maintenance and recording via receiver software
Search criteria	Site list and camera selection with support Camera, time, date, event (contact, motion) and graphical analysis of event and permanent recordings
Motion Search	In offline mode considering camera, detection zones, sensitivity and date/time
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 plug-in-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)
Control and display element	On-Off Switch, push button for manual camera selection and status LED
Set-up and Firmware 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 mm (WxHxD) 19" mounting: 1/2 19" x 2RU x 275 mm (WxHxD)
Weight	3.8 kg with hard disks
Approvals	CE (EN 61000-6-3, EN 55022, K1.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	Removable hard disks, PC Kit CamDisc USB, PC Kit CamDisc, ISDN Card, Audio Card, dial-up adapters, 19" Mount Kit, CamMount Kit
Warranty	24 months
	
Franje Fušić 12, 10000 Zagreb, Croatia Tel: +385/ 1 / 36 36 884 Fax: +385/ 1 / 36 45 850 E-mail: microlink@microlink.hr Web: http://www.microlink.hr	
Your authorised dealer	

Availability and technical specification are subject to change without notice