EuroCorder II

Technical Specifications

VIDEO/AUDIO

Video standard	CCIR/PAL and EIA/NTSC
Resolution	Adjustable per camera: 720x288 (ITU-R BT.601), 352x288(CIF), 176x144 (QCIF)
Compression technology	Recording WAVELET (compression factor is adjustable per camera)
Encryption	Digital signature and check sum
Video inputs	4, 8, 16, 24 or 32 x CVBS (BNC), $1V_{pp}$/75 ohm or mixed use of composite and S-Video cameras; each S-Video input requires 2 composite inputs (2 x BNC),Y=$1V_{pp}$/75 ohm and C=$0.3V_{pp}$/75 ohm; all loop through inputs
Video outputs	• S-VGA for playback, live camera surveillance and system setup • 1 x CVBS (BNC), $1V_{pp}$/75 ohm output for playback
Video signal monitoring	Sync. signal monitoring for all cameras
Option: Activity Detection	Plug-in board for activity detection; adjustable detection zones and` sensitivity per camera
Option: integrated video matrix	In combination with TBC extension units 8, 16, 24 or 32 video inputs and 4 video outputs and text insertion is optionally available
Audio	Recording and playback of 2 independent bi-directional audio channels; GSM equal 13 kBit/s

RECORDING, STORAGE AND BACK-UP

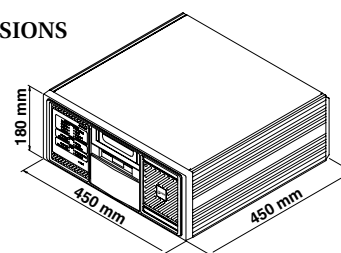|	
General features	• Recording, playback, backup and picture transmission simultaneously • EuroCorder II is capable of handling 1 TByte storage capacity • Flexible ring buffer management (programmable) • Storage of reference images per camera (useful for bank applications) • RAID systems can be interfaced • Client server architecture (TCP/IP)
Update rate (fields per second)	• 25fps(PAL) / 30fps(NTSC) for synchronised cameras and 12.5fps(PAL) / 15fps(NTSC) for non-synchronised cameras • Base unit in combination with TBC extension unit with 8, 16 or 32 video inputs: 25fps(PAL) / 30fps(NTSC) independent of synchronised or non-synchronised cameras
Recording modes	• Continuous according to set-up • Event-controlled in combination with pre-history via alarm input, activity detection, scheduler/ calendar and serial command, e.g. ATM transaction • Manual via menu, remote control, key stroke • Adjustable duration and recording speed from realtime to endless
Direct recording [1]31/2", half height	HDD: up to 4 internal (E)IDE drives[1] or up to 4 internal SCSI drives[1] plus 3 external SCSI drives with SCSI controller
Back-up local and remote	• Selective via time/date, camera number, menu-driven marking, picture sequences • Base unit with integrated floppy disk; optionally with internal or external CD-R, DVD-R

PLAYBACK AND REVIEW

General features	• Playback and review parallel to recording, backup and picture transmission • Local or remote over LAN/WAN (client server architecture with TCP/IP) • To be defined freely, text and time/date insertion; picture data, additionally other application-specific insertions • Can be displayed on PC monitor and/or composite • Playback in real-time
Screen mode	• PC monitor: to be defined freely: full format, PIP, Quad, 9, 16 pictures • Via composite output only full format display
Playback modes	Single picture, sequence/film, forward/reverse, still mode
Search criteria	Date/time, ATM or access control transaction, camera number and can be defined by user criteria

ULTRAK

Security Solutions that Fit

Ultrak EuroCorder II
Technical Specifications

DIMENSIONS

180 mm
450 mm
450 mm

INTERFACES

Serial	• Functionality: ATM, access control system, remote keyboard
	• Hardware: base unit with 2 RS-232; optionally 4 additional RS-232/485
Parallel (printer)	• Functionality: video and logging printer
	• Hardware: parallel printer port or composite (only for video print)
Parallel inputs	• Functionality: alarm handling, reset, timer control
	• Hardware: base unit with 8 alarm inputs and optionally 8, 16 or 32 alarm inputs (only with TBC)
Parallel outputs	• Functionality: system error, video loss, alarm
	• Hardware: base unit with 8 relay outputs; optionally 4 additional relays (only with TBC)
LAN/WAN	• Functionality: picture transmission, remote control, remote setup
	• Hardware: optionally additional plug-in boards ISDN, analog modem, Ethernet, TokenRing
Others	• Functionality: PC keyboard, PC mouse
	• Hardware: 2 x PS/2; 1 x USB
Protocols	TCP/IP, several ATM and access control system protocols, Ultrak-specific ultraBus protocol, telemetry, e.g. Diamond dome

GENERAL

Operating system	• Capturing station NetBSD (Unix-based real-time operating system)
	• Remote station Win NT
Application software	Platform independent JAVA-based man machine interface
System set-up	• Local and remote via PC monitor, PC keyboard and PC mouse
	• Context sensitive help function
	• English, German, French, Italian, Polish
Access protection	Multiple password levels and picture encryption
Video export functions	BMP, TIF
Date/time synchronisation	Via ATM, DCF, network and high-level interface
Cascading	Multiple capturing and monitoring stations can be interfaced via network
Log-book	64 Kb data base with alarm, date/time, camera number, login, logout, search facilities
Power supply	Appliance plug; 110/230 V AC / 300 W
Operating temperature	From +5° to +45°
Housing	• Industry standard
	• Dimensions 19" version: 19" / 4 RU
	• Dimensions desktop version: 450(W) mm x 180(H) mm x 450(D) mm
Weight	Base unit 6.5 kg
Standards	CE (EN 50130-4, EN 50081-1, EN 60950)
Documentation	English, German, French, Italian, Polish
Guarantee	12 months

made in USA

ULTRAK

www.ultrakpa.com