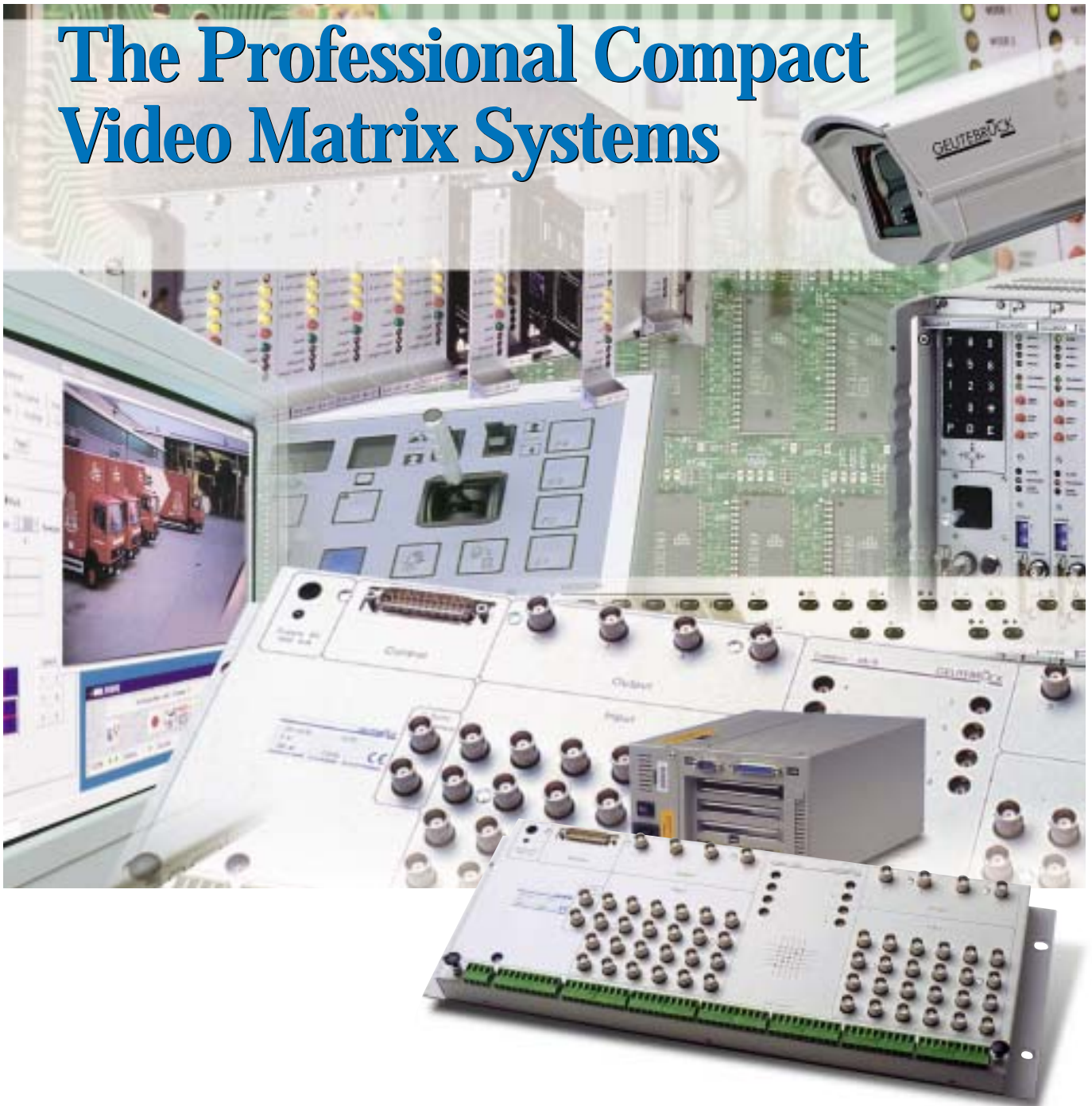


The Professional Compact Video Matrix Systems



COMPAX-SYS

COMPAX-SYS

COMPAX-24/8-SYS COMPAX-48/8-SYS

These video matrix systems are equipped with powerful features otherwise found only in extremely large video control centres: the computer-controlled system technology opens up a wide range of possibilities for integrating the most varied system components. Studio-quality bandwidth and a highly flexible video management system which permits custom, task-specific surveillance programming additional functionalities that until now have been reserved exclusively for large modular systems.

Camera telemetry with KDec-300

When equipped with KDec-300, the system supports a whole range of extremely versatile camera telemetry functions. In addition to standard functions, cameras can be programmed to assume specific, pre-defined positions when particular events occur, e.g. when an external contact signals an alarm, or when a particular surveillance zone of a video motion detector is actuated. Manual control is executed using either the MBeg multifunction operator keyboard, or via the interactive graphical control system DICSY using a mouse or joystick.



Video motion detection, VS-30 or VS-40 Digitective

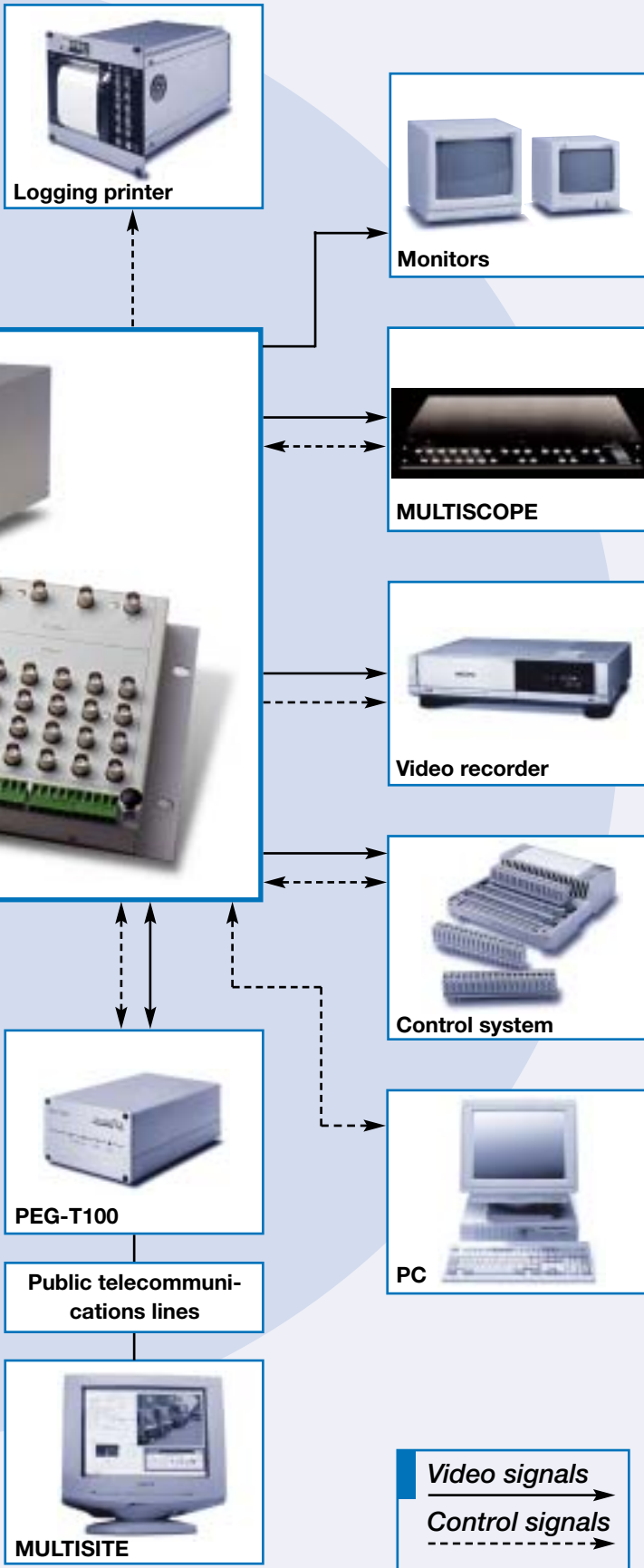
Generating alarm messages is only the beginning. The precise position of the actuating surveillance zone within a camera picture can be used to control an additional PTZ camera. Remote-controlled cameras can track the moving objects or intruders by

logically combining predefined fixed camera positions with individual surveillance zones. And of course the systems also transmit stored alarm pictures – even with events prior to the alarm if desired!

Graphical user interfaces with DICSY

Graphical user interfaces are particularly effective in security applications, where every second counts. The interactive graphical control system DICSY supports the guard personnel: all alarm messages within the system are graphically

displayed in maps of the actual premises and physical plant under surveillance. The relevant camera pictures are additionally displayed. User programmable instruction texts can order the guards to take the appropriate action.



Digital picture recording with MULTISCOPE

Record pictures from any number of cameras with a single recording device – either event-controlled or continuously. You can then use the logbook of your video management system to access stored pictures of specific alarms virtually instantaneously, with just a single keystroke.

COMPAX-24/8-SYS COMPAX-48/8-SYS

Two compact video matrix systems with virtually unlimited flexibility!

- 48 or 24 video inputs respectively to 8 outputs, expandable to 96/8
- Studio-quality bandwidth of up to 40 MHz
- User-programmable camera and instruction texts
- Externally synchronisable time/date generator
- Alarm management via integrated control inputs and outputs
- Camera telemetry including alarm positioning
- Powerful menu-driven control software
- Low power consumption
- Extremely compact construction with integrated connection panel
- Sync-signal monitoring for each video input
- Choice of 19" rack unit or wall-mounted type
- Complex management – even for large surveillance systems
- Various alarm modes
- Response contacts with individually definable function
- Alarm statistics/logbook
- Alarm actuation via serial interfaces and/or potential-free contacts
- Control of external devices via control outputs and/or serial interfaces

Technical Data

	CPX-24/8-SYS	CPX-48/8-SYS
Video standard	CCIR (PAL) or EIA (NTSC) selectable	
Video inputs	24 x CVBS (BNC socket) 1 V _{pp} / 75 Ohm	48 x CVBS (BNC socket) 1 V _{pp} / 75 Ohm
Video outputs	8 x CVBS (BNC socket) 1 V _{pp} / 75 Ohm	
Cut-off frequency (- 3 dB)	Max. 40 MHz (display of different pictures on all outputs) Average 25 MHz (3 outputs display the same picture) Min. 13 MHz (all outputs display the same picture)	
Input crosstalk	Better than -65 dB at 5 MHz for adjacent channels, otherwise negligible	
Output crosstalk	Typically better than -60 dB at 5 MHz	
Camera identification, alarm text, camera failure text	2 lines of text, with 24 characters each, adjustable on-screen position and 2 different character sizes, character set: PC8 (254 characters, PC-compatible)	
Control/alarm inputs	48 (96 with video matrix 96/8), open collector, connection terminal strip, active to ground, 1 kOhm to 5V, user programmable via software	
Control outputs	8 (16 with video matrix 96/8), open collector, connection via terminal strip, user programmable via software	
Matrix control interface	via 25 way SUB-D connector	
Parallel interface of the compact computer	1, for connection to the matrix control interface	
Serial interfaces of the compact computer	2 x RS-232, expandable to 6 x RS-232 via optional plug-in board	
Compact computer memory	8 MByte Disk-on-Chip flash-EPROM for MS-DOS and user programs	
Power supply		
matrix	9V, approx. 1000 mA via plug-in PSU, via special connector socket	
compact computer	100 - 230 V AC, 50 Hz	
Dimensions		
matrix	483 mm (19") x 177 mm (4 HU) x 30 mm (W x H x D - without connectors)	
compact computer	114 x 197 x 245 (W x H x D)	
Scope of supply		
	COMPAX-24/8 video matrix with terminals for 48 control inputs and 8 control outputs, compact computer, connection cable (1 m) matrix - computer, control software MicroSoft/CPX and CPText	COMPAX-48/8 video matrix with terminals for 48 control inputs and 8 control outputs, compact computer, connection cable (1 m) matrix - computer, control software Vicro Soft/CPX and CPText

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