

## Compax III

Networkable compact video matrix

### Product information



Networkable, freely programmable video matrix including powerful management software for use in combination with an external control PC. Basic matrix unit with 32 video in- and 16 outputs and 32 contact in- and 16 relay outputs, controlled via serial or LAN interface by any PC. Extendable by one, CX3 Extension 32' up to 64 video in- and 16 outputs as well as 64 contact in- and 32 relay outputs.

- Compact LAN-controllable video matrix unit
- Full integration into the GEUTEBRÜCK system
- To be used as standalone or networkable satellite video matrix in larger systems
- Freely programmable via GeViSoft
- Computer-controlled video matrix
- Easy extension by one CX3 Extension 32

## Technical data

	Basic unit - CX3 Basic 32/16	Extension unit - CX3 Extension 32
Video inputs	32 x composite video (BNC-sockets) 1 Vpp / 75 Ohm	
Video outputs	16 x composite video (BNC-sockets) 1 Vpp / 75 Ohm	-
Video standard	PAL (CCIR) or NTSC (EIA)	
Control (alarm) inputs	32, Connected via D-sub connector, TTL-compatible, 1 kOhm pullup resistor at 5 V Sabotage monitoring: Threshold at approx. 1,1 and 2,3 V (Nominal resistance 470 Ohm)	
Control outputs	16, Connected via D-sub connector, Relay contacts, 30 V, 1 A	
Interfaces	Serial, RS-232 via 9 pin D-sub plug, Network, 10/100 Base-T via RJ-45 plug	-
Power supply	6 - 9 V DC, External plug in power supply included in delivery	
Allowed DC-quota in video signal	-1 V / +2 V (75 Ohm)	
Gain	0 dB +/- 0.2 dB	
Cutoff frequency, one input switched on one output	15 MHz +1 dB / - 3 dB 5 MHz + 0 dB / - 0.2 dB	
Cutoff frequency, one input switched on all outputs	7 MHz +0 dB / - 3 dB	
Side-to-side coupling 0 to 5 MHz	< - 50 dB, typical - 55 dB	
Differential phase	< 2 °	
Differential gain	< 1 %	
Signal to noise ratio	> 50 dB	
Input current	max.< 1.5 A (All relays activated, all input contacts grounded, all video signals on and with DC-components)	
Operating temperature	0 - 50 °C	
Dimensions	19" rack mountable, 3 HU, approx. 40 mm in depth (measured without connectors)	
Weight	2500 g	2150 g
<b>Order No.</b>	<b>0.27900</b>	<b>0.27910</b>

Technical alterations reserved