SIEMENS

Control unit
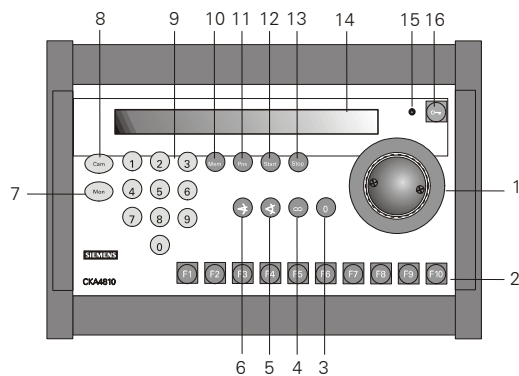CKA4810

- Selectable telemetry interface for direct connection of peripheral equipment via TTY or RS485
- Control of peripheral equipment using the SCU, CCDA or SIVIS-DOME protocol
- Daisy chained connection of up to 10 control units via RS485
- Control unit interface: TTY (modified) or V.24 (RS232) for connection to SIMATRIX 164, 648, SYS or CSXC1601
- 31 keys including numerical keys and 10 function keys
- Triaxial Joystick for remote control of cameras with pan/tilt drive and control of lens functions
- Variable speed control for CCDA and SIVIS Dome and for the CDD2410PTZ. Enables both direct control and control via SIMATRIX 164, 648 and SYS video crossbars

The CKA4810 control unit is used for the remote control of cameras with a pan/tilt drive and to control functional lenses. The CKA4810 also allows decentralized control via the SIMATRIX 164/648/SYS video matrix units. Peripheral devices attached to the unit can be controlled via the joystick with variable speed instructions.

The CKA4810 is fitted in an aluminium housing as designed as a non-slip table unit.

The sloping top of the unit contains the membrane keyboard, an LCD screen, and a joystick used for controlling peripheral equipment connected to the CKA4810.

Peripheral equipment with on-screen display functions can be parameterized from the control unit.

Fire & Security Products

View / functions

1 Joystick
2 Keys "F1" to "F10": special function keys
3 Focus near
4 Focus far
5 Zoom out (this is also achieved by moving the joystick to the left)
6 Zoom in (this is also achieved by moving the joystick to the right)
7 Selection of monitor
8 Selection of camera
9 Keys 0 to 9: entry of PIN code as well as selection of cameras and monitors
10 Save camera position
11 Recall camera position
12 Start of camera sequence on preselected monitor, or position cycle / PATROL
13 Stop camera sequence on preselected monitor, or position cycle / PATROL
14 LCD screen
15 Multicolour LED display (red, orange, green)
16 Key switch

Technical data

Specification	
Data interfaces	2 serial interfaces
	1 x control unit interface with two physical connections
	1 x telemetry interface with one physical connection
Addressing	via menu selection
Protocols	selectable from a menu
Display elements	multicolour LED display (red, orange, green)
	two-line LCD screen
Signal transmitter	internal piezo, approximately 4 kHz
Control elements	31 keys on membrane keyboard
	1 joystick (3 axes)
Connections	2-pin power supply socket with reverse voltage protection
	9-pin Sub-D plug, COM1A, RS232
	9-pin Sub-D plug, COM1B, TTY (modified)
	9-pin Sub-D plug, COM2, RS485/TTY (modified)
Power supply	DC 12 V + 10 %, -15 %, stabilized (SELV)
Current consumption	max. 200 mA
Dimensions (W x H x D) in mm	desk-top housing: approximately 255 x 30 / 50 x 170 (without joystick)
Housing	aluminium desk-top housing, painted RAL 7016 with plastic side panels
Operating temperature range in °C	0 to 45 – no condensation
Storage and transport temperature range in °C	-20 to +80
Protection type	IP40

Ordering data

Type	Order No.	Designation	Weight
CKA4810	2GF2400-8EB	Control unit with joystick	1.05 kg
		DC 12 V + 10 %, -15 %, max. 200 mA	
Accessories, not included in delivery!			
Plug-type power supply unit	2GE1800-8BE	Plug-type power supply unit	0.53 kg
		230 V, 50 Hz/DC 12 V, 640 mA	

Document no. A24205-A336-B741, Issue: 08/04

Subject to change without prior notice