

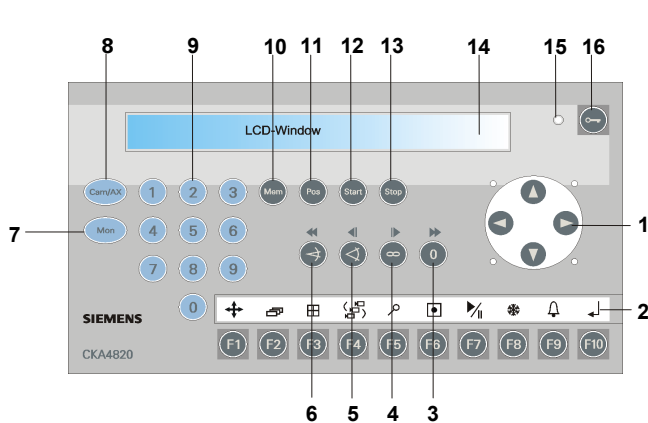
## Control unit

CKA4820

- **Telemetry interface for direct connection of the following peripheral devices:**
  - SISTORE AX4, 9 and 16
  - Speed domes CCDA1410 and CCDA1415
  - Dome converters CAC0101, CAC0102, CAC0103
  - Control units for pan/tilt heads CDC0501, CDC0502
  - Pan/tilt head CDD2410
- **Control unit interface for connection to the following devices:**
  - SIMATRIX 164, 648, SYS and Neo
  - SISTORE AX4, 9 and 16
  - IVM Terminal Client
- **31 keys incl. 10 function keys which can be parameterized; a film strip with function symbols which can be inserted above the F keys is scope of supply**
- **Triaxial joystick for remote control of cameras with pan-and-tilt drive and control of lens functions**
- **Variable speed control for CCDA14xx Dome and for CDD2410 PTZ. Enables both direct control and control via SIMATRIX164, 648, Neo and SYS video crossbars**

The CKA4820 is designed as a desktop unit. It is used for the direct control of cameras with pan/tilt drives and to control functional lenses and peripheral devices. The CKA4820 also allows decentralized control via SIMATRIX 164/648/SYS/Neo or SISTORE AX4, 9, 16. Peripheral devices attached to the unit can be controlled with variable speed instructions. This function is not available for peripheral devices that are attached to SISTORE AX.

## 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 / AX
- 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 Backlit LC display
- 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 COM1A and COM1B 1 x telemetry interface with one physical connection COM2
Addressing	via menu selection or DIP switches
Protocols	selectable from a menu
Display elements	multicolour LED display (red, orange, green) two-line LC display, backlit
Signal transmitter	internal piezo, approx. 4 kHz
Control elements	31 keys 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), RS485) 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	desktop housing: approx. 255 x 30 / 50 x 170 (without joystick)
Housing	aluminium desktop housing, painted RAL 7016 with plastic side panels
Operating temperature range in °C	0 to 45 – no condensation
Storage temperature range in °C	-20 to +80
Protection type	IP40

### Ordering data

Type	Order No.	Designation	Weight
CKA4820	2GF2400-8EC	Control unit with joystick DC 12 V + 10%, -15%, max. 200 mA	1.05 kg
<b>Accessories, not included in delivery!</b>			
Plug-type power supply unit	2GE1800-8BE	Plug-type power supply unit 230 V, 50 Hz/DC 12 V, 640 mA	0.53 kg