

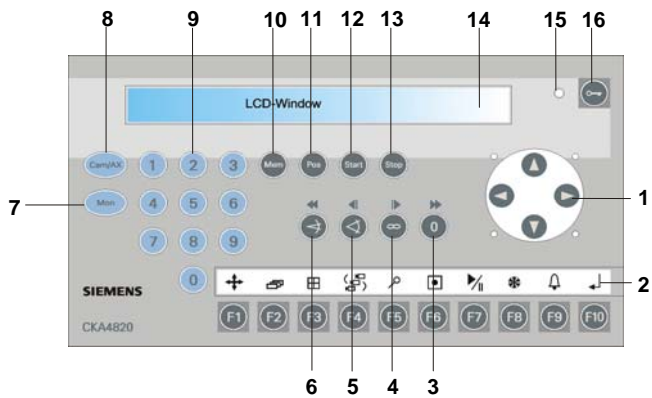
Control unit

CKA4820 V2

- **Telemetry interface for direct connection of the following peripheral devices:**
 - SISTORE AX4, 8 and 16; SISTORE MX
 - Speed domes CCDA1435 and Solaris CCDS1425
 - Dome converters CAC0103, CAC1601
 - Control units for pan/tilt heads CDC0501, CDC0502, CDCD2417
 - Pan/tilt head CDD2410
- **Control unit interface for connection to the following devices:**
 - SIMATRIX 164, 648, SYS and Neo
 - Visilynx 3i
 - SISTORE AX4, 8 and 16; SISTORE MX
 - IVM Terminal Client
- **31 keys incl. 10 function keys which can be parameterized**
- **Triaxial joystick for remote control of cameras with pan-and-tilt drive and control of lens functions**
- **Variable speed control for CCDA14xx Dome and CCDS14xx. Enables both direct control and control via SIMATRIX 164, 648, Neo, SYS video matrixes**

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 648/SYS/Neo or SISTORE AX4, 8, 16 and SISTORE MX. Peripheral devices attached to the unit can be controlled with variable speed instructions. A film strip with function symbols which can be inserted above the F keys is scope of supply.

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 / SISTORE 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

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 via 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 requirements	12 V DC + 10%, -15%, stabilized (SELV), max. 200 mA
Dimensions (W x H x D)	desktop housing: approx. 255 x 30/50 x 170 mm (without joystick)
Housing	aluminium desktop housing, painted RAL 7016 with plastic side panels
Ambient temperature, operating	0 to 45 °C, no condensation
Ambient temperature, storage	-20 to +80 °C
Degree of protection	IP40

Ordering data

Type	Order No.	Designation	Weight
CKA4820 V2	S54561-C791-A1	Control unit with joystick 12 V DC + 10%, -15%, max. 200 mA	1.05 kg
Accessories, not included in delivery!			
Plug-type power supply unit	2GE1800-8BE	Plug-type power supply unit 230 V, 50 Hz/DC 12 V, 640 mA	0.53 kg

Further products and accessories can be found in the Internet:

www.siemens.com/cctv > **Catalogue Downloads**