

SIEMENS

Camera Control Units SCU 301 and SCU 302



SCU 301 and SCU 302 camera control units for SIMATRIX SYS / 648 /164 and SUT 48

SCU 301 and SCU 302

- Power supply units as power supply and remote control for a camera, lens drive, pan-and-tilt drive and for controlling relays
- Control of SICOLOR DIG K505 camera and K500 (only 2GF2207-8BD and -8BE)
- Optical function display for startup and maintenance
- Pulse-width modulation for slow starting up of lens motors
- Can be additionally fitted with FSK receiver or fiber-optic / TTY converter module for control and with video two-wire transmitter or fiber-optic transmitter for video transmission (on request)

SCU 302

- Processor-based camera control
- Up to 64 positions can be stored
- Automatic position cycle
- Saving of position parameters of power supply unit in non-volatile memory
- OSD for control functions and positions
- OSD menu for startup
- Remote diagnosis
- Automatic detection of baud rate

Application

The SCU 301 and SCU 302 power supply units (**Siemens Camera Control Unit**) are used as a power supply unit and control unit for a camera with lens and pan-and-tilt drives.

The power supply unit is always assigned to a camera with pan-and-tilt drive and lens control.

Control is possible from the SIMATRIX video matrix or the SUT 48 control unit (Siemens Universal Keyboard).

Technical data

	SCU 301	SCU 302
Data transmission	TTY 20-mA interface (two-wire), unidirectional, TTL interface for SICOLOR DIG K505 and K500	
Data cable length	Max. 2 km with wire diameter of 0.8 mm	
Baud rate	1200 bits/s to 9600 bits/s, adjustable	1200 bits/s to 9600 bits/s (automatic detection of baud rate)
Addressing	Addresses from 1 to 99 can be set	Addresses from 1 to 127 can be set
Output voltages and max. loading capacity for:		
Pan-and-tilt drive	AC 24 V, 0.4 A	
Camera power supply video two-wire transmitter	DC 12 V regulated, 0.8 A	
Lens drive	DC 6 V to 12 V, 0.2 A; regulated, adjustable	
External device	DC 17 V, 0.3 A; non-regulated	
FSK receiver	AC 15 V, 0.1 A	
Power supply	230 V / 115 V, ± 10 %, 50 / 60 Hz; selectable	
Current consumption	Max. 0.25 A at 230 V	
Connection	Via spring-loaded terminals (internal) 0.08 mm ² to 0.5 mm ² / 0.08 mm ² to 2.5 mm ² For power supply of camera, pan-and-tilt drive, lens drive, heater, and for control of pan-and-tilt drive and lens, including position control (with SCU 302)	
TTY (20-mA) interface	1 x TTY (20-mA) input 1 x TTY (20-mA) output	
TTL interface	1 x TTL output for cameras K505 and K500	
Video signal	1 x Vin; 1 x Vout 1 x BNC socket	1 x Vin; 1 x Vout 2 x BNC socket (Vin, Vout)
Relay	1 x relay with 2 changeover contacts, max. rating AC/DC 48 V, 500 mA	
Open-collector output	2	
Housing		
Dimensions (W x H x D) in mm	189 x 189 x 130	279 x 189 x 130
Screwed glands	1 x PG21, 2 x PG13.5, 4 x PG11	1 x PG21, 2 x PG13.5, 6 x PG11
Degree of protection	IP 67	
Color	RAL 7035 (light gray)	
Material	Polycarbonate	
Temperature of use	-40 °C to +50 °C	