



## CAC0103 Dome Converter

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- Conversion of TTY signals into RS485 signals
- Control and configuration of the Siemens dome cameras SIVIS Minidome and CCDA1415-DN via SIMATRIX video matrix systems
- Up to 30 cameras can be addressed by a single Dome converter using the interface multiplier CAD0485-AA
- For use indoors

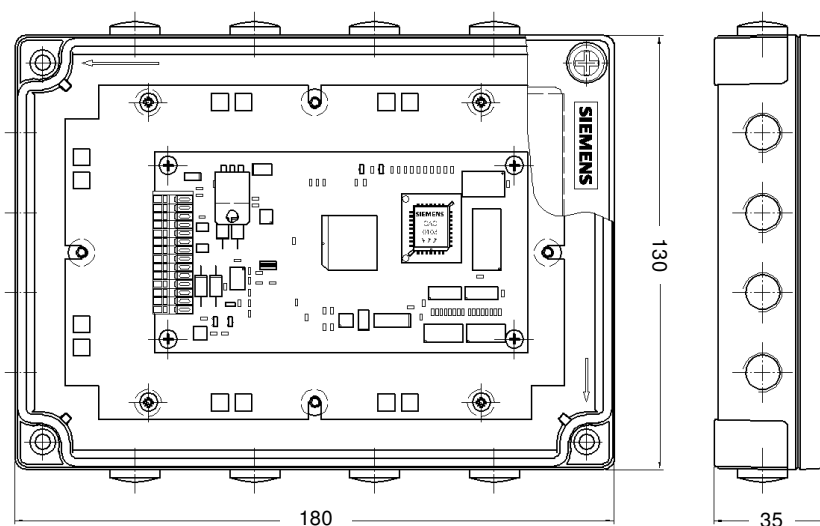
The dome converter converts TTY signals from the Siemens video matrix systems SIMATRIX SYS, 648 and 164 (SCU protocol) into RS485 signals for the SIVIS Minidome, CCDA1410 and CCDA1415-DN dome cameras. The camera protocols and appropriate baud rates can be set using DIP switches on the Dome converter.

Each Dome converter provides 4 address blocks with 30 addresses each for addressing the cameras via the RS485 bus. Up to 10 camera can be physically connected to this bus. Either additional Dome converters or the interface multiplier CAD0485-AA may be used, if more than 10 cameras are required. Up to 100 cameras can be controlled via one TTY interface.

It is also possible to connect the Dome converter directly to the CKA3210 and CKA4810 control units. Necessary the TTY input signal can be looped through and be fed to other devices.

The Dome converter is supplied from a separate 12 V power supply.

## Dimensions in mm



## Technical data

|   |  |
|---|--|
| Connection                                  | 1 x 14 spring terminals                              |
| Wire cross-section                          | 0.08 to 0.5 mm <sup>2</sup> , or AWG28-20            |
| Data input                                  | SCU V2.1 protocol, TTY                               |
| Baud rate                                   | 2400 / 4800 / 9600 / 19200 baud, selectable          |
| Data output                                 | SIVIS III / CCDA (selectable), RS485                 |
| Baud rate                                   | 2400 / 4800 / 9600 / 19200 baud, selectable          |
| Power supply                                | DC 12 V ± 10 %, max. 150 mA                          |
| Operating temperature,<br>relative humidity | 0 to +50 °C,<br>5 to 95%, no condensation            |
| Dimensions (W x H x D) in mm                | 130 x 180 x 40<br>(without cable glands)             |
| Cable inlet                                 | 4 x M12 x 1.5<br>for cable dia. between 3.5 and 7 mm |
| Protection class                            | IP40   |

## Ordering data

| Type                                   | Order No.       | Designation  | Approx.<br>weight<br>in kg |
|--|-----------------|--|----------------------------|
| CAC0103                                | S24245-F5046-A1 | Dome converter   | 0.60                       |
| Accessories, not included in delivery! |                 |  |                            |
| Plug-type power<br>supply unit         | 2GE1800-8BE     | Plug-type power supply unit<br>AC 230 V, 50 Hz/DC 12 V, 640 mA,<br>for indoor use, with 2 m DC cable | 0.53                       |