

Datasheet: com.tom RADIO 3.2

The com.tom RADIO 3.2 is a telecontrol device with an integrated PLC functionality. The device offers several communication interfaces like a GSM/GPRS-Modem, Ethernet, Serial port and a CAN interface. The CoDeSys SP@CHIP runtime kernel is installed as well the WEB-PORTAL communication software via GPRS. With the CAN-Interface a flexible configuration with I/O's is given.



Technical data

IPC@CHIP® Add-On	SC143-LF IEC Embedded Controller GM01 modem - Quad Band GSM (850/900/1800/1900 MHz) (SIM-card inserted at the back)
Ethernet interface	1 x 10/100BaseT, RJ45 connector with traffic and link LED
Serial interface	1x RS232, RS485 or RS422 (selectable) with (one) DSUB9 connector
CAN interface	1x CAN with DSUB9 connector
SD Card interface	MMC/SD memory card
Supply voltage	24 VDC (-15% / +15%), Mating connector Weidmüller BL 3.50/03/F included in the delivery scope
Active current	max. 200mA (at 24VDC)
Antenna / Antenna Interface	SMA Female socket

Software engineering

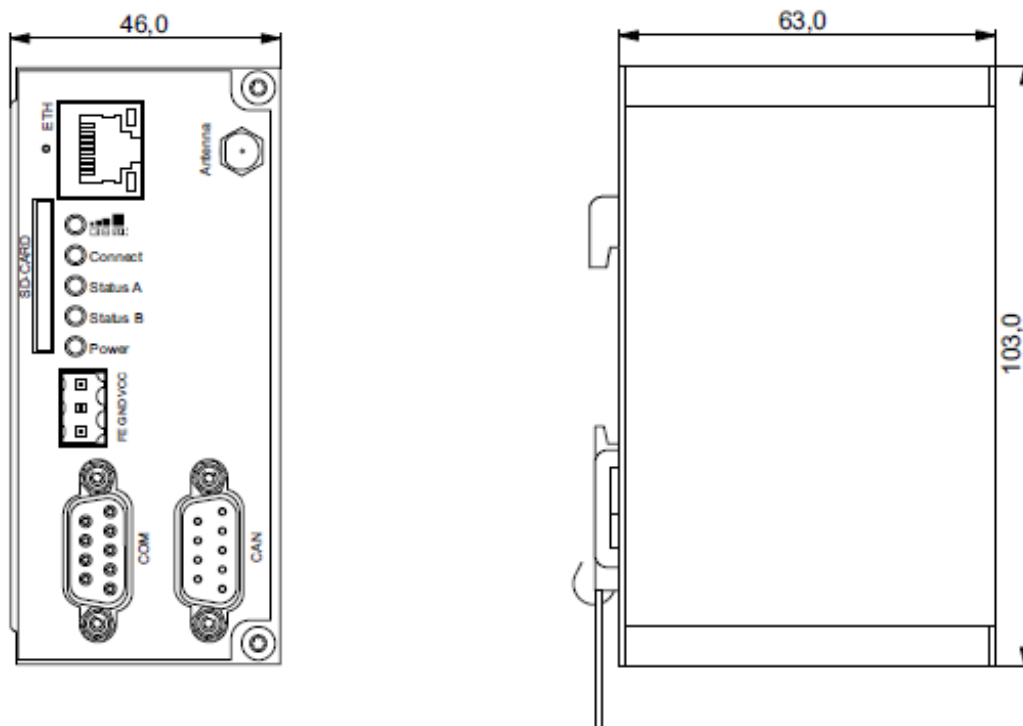
Operating System	IPC@CHIP® RTOS
Application software	CoDeSys SP@CHIP - CoDeSys PLC runtime kernel - CoDeSys CANopen library
WEB-PORTAL communication	Predefined and installed Dedicated quantity of variables

Environmental

Operating temperature (TA)	0°C to +55°C (-20°C to 60°C upon request)
----------------------------	---

Mechanical data

Size (W x L x H)	46 x 103 x 63 mm
Material	aluminum, anodized
Mounting	DIN rail mounting



Type Approval

CE, R&TTE, RoHS/WEEE

EMC Compliance

EMC emission	IEC 61000-6-4
EMC immunity	IEC 61000-6-2

Safety Compliance

Protection Rating

IEC 60529

IP20

Electric Shock

IEC 61140

Class III

Ordering information

Order-No.: 570544