

Datasheet: com.tom RADIO-UMTS 3.2

The com.tom RADIO-UMTS 3.2 is a telecontrol device with an integrated PLC functionality. The device offers several communication interfaces like a 3.5G 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 GM02 modem: - Quad Band GPRS (850/900/1800/1900 MHz) - Tri Band UMTS modem (850/1900/2100 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

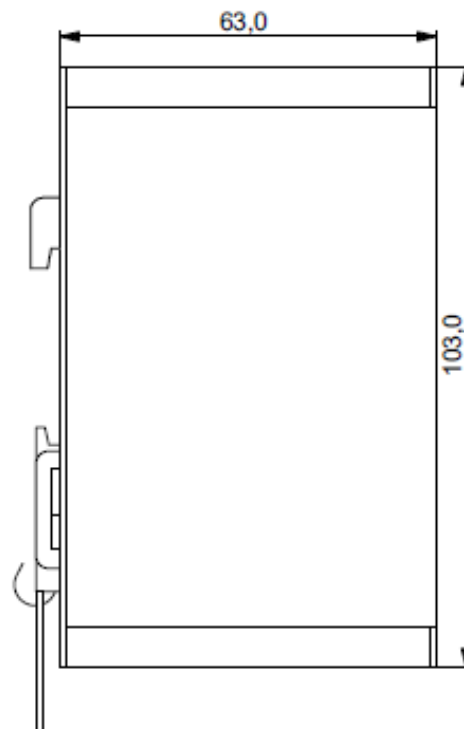
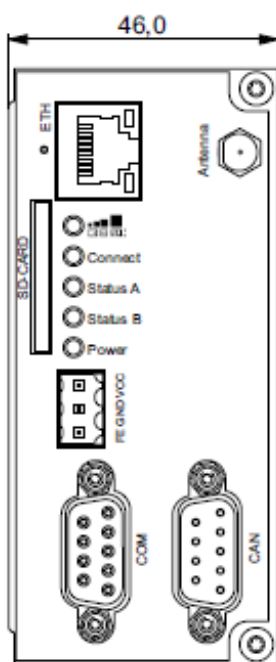
Operating System	IPC@CHIP® RTOS
Application software	CoDeSys SP@CHIP - CoDeSys PLC runtime kernel - CoDeSys CANopen library
WEB-PORTAL communication	Predefined and installed Dedicated quantity of variables

Environmental

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

Size (W x L x H)	46 x 103 x 63 mm
Material	Continuously hot-dip aluminium-zinc (AZ) coated steel sheet
Mounting	DIN rail mounting



Modem Certifications and Compliance

FCC Rules Parts: 15B, 22H, 24E	FCC ID: RI7T56HQ1EN301 489-1 & 7 GCF 3.27.1
NAPRD 3.14.0	R&TTE - LVD 2006/95/EC

Compliance and Conformity

CE, R&TTE, RoHS/WEEE

- EMC emission	IEC 61000-6-4
- EMC immunity	IEC 61000-6-2
- Protection Rating	IEC 60529: IP20
- Electrical Shock	IEC 61140: Class III
- Low Voltage Directive	IEC 60950-1
- R&TTE Directive	EN 301 489-1/-7, EN 301 511

Ordering informationOrder-No.: 570841
