



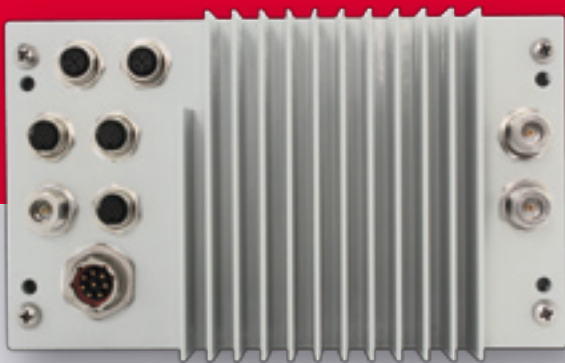
TELEFUNKEN
RACOMS

Train Communication

TELEFUNKEN RACOMS Industrial Communication Controller

TRICC-E

Technical Data



WE KEEP IN TOUCH

TRainCom® Solutions are available for High Speed Train, Mass Transit, Maglev, Railway and Metro.

TRICC-E – TECHNICAL DATA

TELEFUNKEN RACOMS Industrial Communication Controller

The TELEFUNKEN RACOMS Industrial Communications Controller **TRICC** is a universal, small, lightweight and rugged controller unit. It can be equipped with a variety of options.

Controller unit Operating System Interfaces

Intel Atom processor 1,6 GHz, 256 MB RAM, Up to 16 GB Flash memory
Linux, (Windows CE, XP, 7 optional)
2x 100BaseT Ethernet (optical interfaces upon request)
2x RS232/485 serial interface
2x USB interfaces
VGA interface
Audio interface (in/out)

Radio options

GPS receiver
WLAN 802.11 a/g, (others on request)
GSM, GSM-R or UMTS

Powersupply options

24 VDC; 48 VDC; 72 VDC; 110 VDC; 230VAC (85 to 264VAC)
DC supply voltage according EN50155

Physical properties

Weight Dimensions (HxWxD) Protection Class Color Interface Connectors

Approx. 3 kg (depending on options)
90 x 230 x 130 mm
IP 67
light grey (RAL 7035)
RF: N-female
Power: Souriau UTO
Ethernet interfaces: M12 series, 4 pin D-coded
All other interfaces: M12 series 12 pin
Passiv, fanless
Screwed on plain surface; optional: 19" Rack mount adapter

Cooling Mounting

EMC and Environmental Conditions

EMC Radiated emissions Radiation immunity Shock and Vibration Climate

Acc. EN50155
Acc. EN61000
Acc. EN61000 + EN50121
Acc. EN68068
Acc. EN50155 Class T1 (-25°C - +55°C); optional: extended temperatur range