



vicCOM GSM-R

System Kit for Hands-free Talking via Railway Mobile Network

Emergency call points in areas with poor infrastructure and on railway systems can be operated independently via mobile radio connection, e.g. in vehicles, in properties, on track and barrier systems, at railway stations or in tunnels.

Thanks to our patented algorithms for acoustic echo cancellation (AEC) and noise reduction (NR), vicCOM GSM-R provides natural crystal-clear full-duplex communication despite background noise and interference.

The vicCOM GSM-R system kit contains a GSM-R-compatible mobile radio modem as well as various audio and control connections for microphone, loudspeaker, buttons and LEDs.

The configuration and status signalling of the system is conveniently carried out via the air interface using SMS.

PRODUCT FEATURES

- System kit for railway-compatible mobile radio intercom stations
- Support for mobile radio standards 2G (GSM) and GSM-R
- Full-duplex audio communication with integrated acoustic echo cancellation (AEC) and noise reduction (NR)
- Telephone connections to one or more call destinations
- Configuration and status indication via SMS
- Connections for 4 call buttons and up to 6 signal lamps or relay switching contacts
- Direct connection for microphone and loudspeaker
- Supports RFID reader for authentication
- Power management for energy-saving operation, e.g. with solar module
- Integrated charge controller for charging a battery

APPLICATIONS

- Autarkic emergency call and information systems, e.g. in vehicles, on track and barrier systems, at railway stations or in tunnels
- Mobile radio gateway for mobile solutions, intercom and railway systems
- Wireless communication and access control (e.g. side entrances and barrier systems)
- Mobile radio-based public address and evacuation systems

