The Single-Lane Transceiver TRX-1320 is part of the TS3200-06 road-side system. The transceiver is intended for use in applications based on 5.8 GHz Dedicated Short Range Communication (DSRC) according to the European Committee for Standardization (CEN) TC278 DSRC and electronic fee collection (EFC) standards.

The transceiver is designed to be mounted overhead in a single-lane environment. The advanced design of the integral antenna ensures a well-defined zone that eliminates cross lane reading. Within the limits given by the CEN standards, the physical link characteristics of the transceiver such as frequency channel and radiated power are configurable by the host application software.

The transceiver interface to the host computer (lane controller) is based on ethernet and the TCP/IP protocol is used to transfer messages between the units. A serial interface (RS232 or RS422/RS485) is also available for service purposes or as an optional connection to the lane controller.

A built-in web server in the transceiver enables the unit to be configured simply by using an ordinary web browser.

EN 15509 SL0/SL1 conformity
Ethernet, TCP/IP interface to Host Computer
RS232 or RS422/RS485 IF
Simultaneous communication with several transponders
Supervision and logging functionality
Can autonomously perform parts of or complete transactions
Built-in security functions
SAM support

Features.
- CEN DSRC compliant
- GSS compliant
- ISO/CEN EFC compliant
- A1, CESARE/PISTA, CARDME, AutoPASS compliant
- Well defined communication zone
- Compact
- Software configurable via built-in WEB server
- Rugged design complying IP67
About Kapsch Group.
Kapsch is one of Austria’s most successful technology corporations to specialize in the future-oriented market segments of intelligent transport systems (ITS) and information and communications technology (ICT). Kapsch. Always one step ahead.

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