The transponder TRP-4010 is the most compact model in the Kapsch range of transponders and on-board units that are compliant with the European DSRC standards. With the premium customisation possibilities, it can be adopted to support branding schemes for the issuer, user groups or other sponsors.

The TRP-4010 transponder is fully compliant to the latest harmonized EFC specifications and standards such as A1, CESARE/PISTA, CARDME and EN 15509. Further it fully supports other applications as AVI, parking, access, etc.

By providing different security domains for the different applications, different entities can have access to different parts of the user memory.

The transponder fulfills the performance requirements in the CEN standards that are proven also in demanding applications such as high-speed multi-lane free-flow applications as well as slow congested traffic in stop-and-go situations.

Data security and integrity is secured by a high degree of integration in combination with efficient integral cryptographic functions based on the DES and triple-DES algorithms.

The transponder provides feedback to the driver through configurable buzzer sounds that can be activated from the roadside when the transponder passes by.

The user can easily install the unit by following installation instructions that are available in a user’s manual or at the Kapsch web portal. The unit can be removed from the mounting bracket and, if allowed by the issuer, it can be used in more than one vehicle.

The TRP-4010-11A contains an in-bracket detection functionality, that notices when the unit is removed from its bracket and prevents communication with the unit whenever it isn’t in the bracket.
Kapsch Group
Kapsch is one of Austria’s most successful technology corporations, specialized in the future-oriented market segments of Intelligent Transportation Systems (ITS), Railway and Public Operator Telecommunications as well as Information and Communications Technology (ICT). Kapsch. Always one step ahead.

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