

1. Record Nr.	UNISA996280748203316
Titolo	IEEE Std 1455-1999 : IEEE Standard for Message Sets for Vehicle/Roadside Communications // Vehicular Technology Society Rail Transit Vehicle Interface Standards Committee, Institute of Electrical and Electronics Engineers, IEEE-SA Standards Board
Pubbl/distr/stampa	New York : , : IEEE, , 1999
ISBN	0-7381-1770-6
Descrizione fisica	1 online resource (vi, 130 pages) : illustrations
Collana	IEEE Std ; ; 1455-1999
Disciplina	388.312
Soggetti	Highway communications Highway communications - Data processing - Standards Intelligent transportation systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Those characteristics of a dedicated short-range communications (DSRC) system that are independent of the Physical and Data Link Layers (ISO model Layers 1 and 2) are specified. The required and optional features of the roadside equipment (RSE) and the onboard equipment (OBE) are specified. In addition, the Applications Layer (ISO model Layer 7) services and protocols, the RSE resource manager, the corresponding OBE command interpreter, and the application-specific messages are all specified. Standard supports and guidelines are provided for implementing secure DSRC systems.