

ISO 21219-14:2023-05 (E)

Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 14: Parking information (TPEG2-PKI)

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	2
5	Application specific constraints	2
5.1	Application identification	2
5.2	Version number signalling	2
5.3	Ordered components	3
5.4	Extensions	3
5.5	TPEG service component frame	3
6	PKI message components	3
6.1	ParkingMessage	3
6.2	MMCSwitch	5
6.3	MessageManagementContainerLink	5
6.4	MMCMasterLink	5
6.5	MMCPartLink	5
6.6	ParkingLocation	5
6.7	ParkingSiteDescription	5
6.8	ParkingInfo	7
6.9	Logo	7
6.10	Contact	7
6.11	ParkingSpecification	8
6.12	InformationFor	9
6.13	SizeRestrictions	9
6.14	GateInfo	9
6.15	ParkingForEvent	10
6.16	ToSite	10
6.17	OpeningHours	11
6.18	PricingPayment	11
6.19	PaymentDetails	11
6.20	Facilities	12
6.21	AssociatedService	12
6.22	CurrentCapacity	12
6.23	CurrentCapacityFor	13
6.24	ExpectedCapacity	14
6.25	ExpectedCapacityFor	14
6.26	Advice	14
7	PKI tables	14
7.1	pki001:VehicleType	14

7.2	pki002:ParkingType	15
7.3	pki003:UserType	16
7.4	pki004:FuelType	17
7.5	pki005:AvailableFeatures	17
7.6	pki006:EventType	18
7.7	pki007: Reservability	18
7.8	pki008:FacilityType	18
7.9	pki009:SupervisionType	19
7.10	pki010:SecurityType	19
7.11	pki011:AssociatedService	20
7.12	pki012:ParkingStatus	20
7.13	pki013:PaymentMethod	20
7.14	pki014:SiteServed	21
7.15	pki015:GateType	21
7.16	pki016:ContactType	22
7.17	pki017:TransportType	22
7.18	pki018:OpeningHoursType	23
7.19	pki019:TermType	23
7.20	pki020:Advice	23
7.21	pki021:Tendency	24
7.22	pki022:FeeType	24
Annex A (normative) TPEG PKI, TPEG-binary representation		26
Annex B (normative) TPEG PKI, tpegML representation		38
Bibliography		51