ISO 25110:2017-11 (E)

Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC)

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 2

3 Terms and definitions 2

4 Abbreviated terms 4

5 Data transfer models 5
5.1 General 5
5.1.1 Transparent type 5
5.1.2 Caching type 5
5.1.3 Buffering type 5
5.2 Symbols 6
5.3 Transparent type 6
5.3.1 General 6
5.3.2 Data transfer process 6
5.4 Caching type 7
5.4.1 General 7
5.4.2 Data transfer process 7
5.5 Buffering type 8
5.5.1 General 8
5.5.2 Data transfer process 8

6 Interface definition for ICC access 9
6.1 Transparent type 9
6.1.1 Functional configuration 9
6.1.2 Command and response between the RSE and OBU 10
6.2 Caching type 10
6.2.1 Functional configuration 10
6.2.2 Command and response between the RSE and OBU 11
6.3 Buffering type 11
6.3.1 Functional configuration 11
6.3.2 Command and response between the RSE and OBU 12

Annex A (informative) On-board account requirements 13

Annex B (informative) Example of an ICC access method 15

Annex C (informative) Interoperability relation with other sectors 31

Bibliography 33