ISO 17215-2:2014-05 (E)

Road vehicles - Video communication interface for cameras (VCIC) - Part 2: Service discovery and control

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms,definitions,andabbreviatedterms 2
3.1 Terms and definitions 2
3.2 Abbreviated terms 4

4 Conventions 4

5 Overview 4
5.1 General 4
5.2 Document overview and structure 4
5.3 Open Systems Interconnection (OSI) model 4
5.4 Document reference according to OSI model 5

6 SOME/IP 6
6.1 General 6
6.2 Header 7
6.3 Wire format 10
6.4 Parameter serialization 12

7 Servicediscoveryprotocolspecification 17
7.1 General 17
7.2 Definitions 17
7.3 General requirements 17
7.4 Service discovery ECU-internal interface 19
7.5 Packet format 19

8 Runtimebehaviour 30
8.1 General 30
8.2 SD communication 31
8.3 RPC communication 38

Bibliography 41