

# ISO 15623:2013-07 (E)

## Intelligent transport systems - Forward vehicle collision warning systems - Performance requirements and test procedures

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Symbols and abbreviated terms .....	4
5	Specifications and requirements .....	5
5.1	System functionality .....	5
5.2	Necessary functions .....	5
5.3	Operating model .....	5
5.4	Warning functionality .....	6
5.5	Warning elements requirements .....	7
5.6	System Classification .....	9
5.7	Obstacle vehicle detection area and performance .....	10
5.8	FVCWS performance on curves .....	11
5.9	User safety requirements .....	12
5.10	Human interface requirements .....	12
5.11	Awareness of system limitations .....	13
6	Evaluation test method for measuring detection performance .....	13
6.1	Test target specification .....	13
6.2	Environmental conditions .....	13
6.3	Test method for detection zone .....	13
6.4	Test method for warning distance range and accuracy .....	14
6.5	Test method for target discrimination ability .....	15
Annex A (informative) Basic consideration of collision warning .....		18
Annex B (informative) Obstacle detection along curves .....		23
Annex C (informative) Laser radar--Coefficient of test target .....		25
Annex D (informative) Radio wave radar test target geometry .....		29
Bibliography .....		30