

# DIN EN 15213-4:2013-08 (E)

Intelligent transport systems - After-theft systems for the recovery of stolen vehicles  
- Part 4 : Interface and system requirements in terms of long range communication  
system

---

## Contents

	Page
Foreword .....	3
Introduction .....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	6
4 Symbols and abbreviations .....	6
5 Requirements for Long Range Operations .....	6
5.1 LR ATSVR Architecture .....	6
5.2 The LR ATSVR Process .....	6
5.3 The LR ATSVR Functions .....	7
6 Vehicle Tracking System Parameters .....	9
6.1 Attack Resistance .....	9
6.2 Technical Specification .....	9
6.3 Activation of the ATSVR Process .....	9
6.4 Deactivation of the ATSVR Process .....	9
6.5 Functional Specification .....	9
6.6 Detection .....	10
6.7 Information Protocol .....	10
6.8 Tests .....	10
6.9 Integrity of Response .....	11
6.10 Incorrect Operations .....	11
6.11 Management of False Alarms .....	11
6.12 Quality of Process .....	12
6.13 Quality of Information .....	12
6.14 Quality of Equipment .....	12
6.15 Quality of Manufacturing .....	12
6.16 Quality of Installation .....	12
6.17 Transmitted Power .....	12
6.18 Safety of Vehicle User .....	12
6.19 Safety of Operators of Mobile Equipment .....	13
7 Security Considerations in LR Systems .....	13
7.1 Communications security .....	13
7.2 Stored Data Security .....	13
7.3 Personnel Security .....	13
7.4 Radio Transmissions .....	13
7.5 Data Protection requirements .....	13
Annex A (informative) Examples of Long Range Systems .....	15
Annex B (informative) Regulatory issues .....	19
Bibliography .....	20