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Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 50131-3:2026 sisaldab Euroopa standardi EN 50131-3:2026 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 27.02.2026.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 50131-3:2026 consists of the English text of the European standard EN 50131-3:2026.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 27.02.2026.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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EUROPEAN STANDARD

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NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment

Systèmes d'alarme - Systèmes d'alarme contre l'intrusion et les hold-up - Partie 3: Équipement de contrôle et de signalisation

Alarmanlagen - Einbruch- und Überfallmeldeanlagen - Teil 3: Befehls- und Meldegeräte

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

	Page
European foreword.....	5
Introduction.....	6
1 Scope.....	7
2 Normative references.....	7
3 Terms, definitions and abbreviations.....	8
3.1 Terms and definitions.....	8
3.2 Abbreviations.....	11
4 Equipment attributes.....	12
4.1 General.....	12
4.2 Functionality.....	12
5 CIE topology.....	12
6 Security grade.....	13
7 Environmental performance.....	13
7.1 Requirements.....	13
7.2 Environmental and EMC tests.....	13
8 Functional requirements.....	13
8.1 Inputs.....	13
8.1.1 General.....	13
8.1.2 Intruder detection.....	13
8.1.3 Hold-up device.....	13
8.1.4 Tamper.....	13
8.1.5 Fault.....	14
8.1.6 User input.....	14
8.1.7 Masking.....	14
8.1.8 Non-I&HAS inputs.....	14
8.2 Outputs.....	14
8.3 Operation.....	15
8.3.1 General.....	15
8.3.2 Access levels.....	15
8.3.3 Authorization.....	15
8.3.4 Setting procedures.....	18
8.3.5 Unsetting procedure.....	19
8.3.6 Restore function.....	19
8.3.7 Inhibit function.....	19
8.3.8 Isolate operation.....	19
8.3.9 Verification of I&HAS functions.....	19
8.3.10 Soak test function.....	20
8.3.11 Other functions.....	20
8.4 Processing.....	20
8.4.1 General.....	20
8.4.2 Processing of input signals or messages.....	20
8.4.3 Processing of user inputs.....	21
8.4.4 Monitoring of CIE processing.....	21
8.5 Indication.....	21
8.5.1 General.....	21
8.5.2 Priority of indications.....	22
8.6 Notification outputs.....	23
8.6.1 General.....	23

8.6.2	Other notification.....	23
8.7	Tamper security (detection/protection).....	23
8.7.1	Tamper protection.....	23
8.7.2	Tamper detection.....	24
8.7.3	Monitoring of substitution.....	25
8.8	Interconnections.....	25
8.9	Timing.....	26
8.10	Event recording.....	26
8.10.1	General.....	26
8.10.2	Event recording at the CIE.....	26
8.10.3	Event recording at the ARC or other remote location.....	27
8.11	Power supply.....	27
9	Product documentation.....	27
9.1	Installation and maintenance.....	27
9.2	Operating instructions.....	28
10	Marking and labelling.....	29
11	Tests.....	29
11.1	Test conditions.....	29
11.1.1	Laboratory conditions and tolerance.....	29
11.1.2	Mounting.....	29
11.1.3	CIE test configuration.....	30
11.1.4	Power supply.....	30
11.1.5	Event log checks.....	30
11.1.6	Documentation.....	31
11.2	Test procedures.....	31
11.2.1	Tolerances.....	31
11.2.2	Wire-free devices.....	31
11.3	Reduced functional test.....	31
11.4	Functional tests.....	32
11.4.1	Processing intruder alarm signals or messages.....	32
11.4.2	Processing of hold-up signals or messages.....	34
11.4.3	Processing of tamper signals or messages.....	36
11.4.4	Processing of fault signals or messages.....	38
11.4.5	Processing masking signals or messages.....	40
11.4.6	CIE Processing in the presence of non-I&HAS inputs.....	42
11.5	Access level.....	43
11.5.1	Access to the functions and controls.....	43
11.6	Authorization requirements.....	44
11.6.1	Key tests.....	44
11.6.2	Additional key tests based on key type.....	45
11.6.3	Invalid authorization attempts.....	47
11.7	Operational tests.....	49
11.7.1	Setting procedures.....	49
11.7.2	Prevention of setting and overriding of prevention of setting procedures.....	51
11.7.3	The set state.....	53
11.7.4	Unsetting procedures.....	53
11.7.5	Setting and/or unsetting automatically at pre-determined times.....	55
11.7.6	Inhibit and isolate functions.....	57
11.7.7	Test functions.....	58
11.7.8	Other functions.....	59
11.7.9	Monitoring of CIE processing.....	59
11.7.10	Availability of Indications.....	60
11.8	Tamper security tests.....	61
11.8.1	Verification of a basic DCC.....	61
11.8.2	Tamper protection.....	61
11.8.3	Tamper detection – Access to the inside of the housing.....	62
11.8.4	Tamper detection – Removal from mounting.....	62
11.8.5	Tamper detection – Penetration of the housing.....	63

11.9	Substitution tests	64
11.9.1	Tests for monitoring of substitution of components.....	64
11.9.2	Tests for monitoring of substitution – Timing requirements.....	64
11.10	Testing of I&HAS timing performance.....	64
11.11	Testing for interconnections	64
11.11.1	Monitoring of interconnections.....	64
11.11.2	Testing of monitoring of periodic communication.....	65
11.11.3	Testing of verification during setting procedure.....	65
11.11.4	Test for security of communication.....	66
11.12	Event log	66
11.13	Marking and documentation.....	68
11.14	Environmental and EMC tests.....	68
Annex A (informative)	CIE topology	70
Annex B (informative)	Summary of timing requirements.....	71
Annex C (normative)	Use of non-I&HAS interface (Indirect connection).....	72
Annex D (normative)	Use of non-I&HAS interface (Direct connection)	74
Annex E (informative)	Summary of function cross-references	77
Bibliography		81

European foreword

This document (EN 50131-3:2026) has been prepared by CLC/TC 79 "Alarm systems".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2027-02-28
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2029-02-28

This document supersedes EN 50131-3:2009 and all of its amendments and corrigenda (if any).

EN 50131-3:2026 includes the following significant technical changes with respect to EN 50131-3:2009:

- refined and aligned requirements to EN 50131-1:2006¹;
- refinement and clarification of test section;
- clarified and refined the use of distributed components with a CIE;
- Annex A has been expanded to include the topology of the CIE;
- Annex C has been re-written to expand on the use of non-I&HAS interfaces over an indirect connection;
- Annex D has been added to cover the use of non-I&HAS interfaces over a direct connection.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

¹ As impacted by EN 50131-1:2006/A1:2009, EN 50131-1:2006/A2:2017 and EN 50131-1:2006/A3:2020.

Introduction

Repetition of definitions and requirements contained in EN 50131-1 have been eliminated from this EN 50131-3, in order to minimize conflict in the event of changes to EN 50131-1, except where repetition is deemed essential for the clarity of this document.

Reference has been included to various implications arising from the detector standards. Full detail of the interconnection requirements could be the subject of a future standard.

A number of requirements are contained in this document for which a formal test procedure can only be written by defining (and hence restricting) the technology by which the requirement is achieved. Accordingly, it has been recognized that such functions can be tested only by agreement between manufacturer and test house, according to documented information relating to how the required functionality has been achieved.

In Annex E a table has been included to cross reference EN 50131-1 requirements against this document and tests.

1 Scope

This document specifies the requirements, performance criteria and testing procedures for control and indicating equipment (CIE) intended for use in intrusion and hold-up alarm systems (I&HAS) installed in buildings. This document also applies to CIE to be used in IAS or HAS.

The CIE can incorporate processing functions of other I&HAS components or its processing requirements can be distributed among such components.

This document specifies the requirements for CIE installed in buildings using specific or non-specific wired interconnections or wire-free interconnections. These requirements also apply to basic DCC which can be installed outside of the supervised premises and mounted in indoor or outdoor environments.

Where CIE shares means of detection, interconnection, control, communication, processing and/or power supplies with other applications, these requirements apply to I&HAS functions only.

This document specifies performance requirements for CIE at each of the four security grades identified in EN 50131-1. Requirements are also specified for four environmental classes covering applications for indoor and outdoor locations.

This document includes mandatory functions for all CIE for the appropriate security grade, as well as optional functions that can additionally be provided.

This document does not cover requirements for compliance with EU regulatory Directives, such as the EMC Directive, Low Voltage Directive, etc. except in that it specifies the equipment operating conditions for EMC susceptibility testing as required by EN 50130-4.

NOTE 1 In this document reference to the term "I&HAS" is used throughout, except where there is specific need to differentiate between the IAS and HAS portions of a system. The term is intended to include IAS and HAS when such systems are installed separately.

NOTE 2 For products which integrate functions from, and which the manufacturer is claiming compliance to, several EN 50131 standards, the requirements of this document apply as well as any additional requirements from other relevant EN 50131 standards (e.g. a CIE with integral Warning Device is expected to meet the requirements of EN 50131-3 and EN 50131-4).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50130-5, *Alarm systems - Part 5: Environmental test methods*

EN 50131-1:2006,² *Alarm systems - Intrusion and hold-up systems - Part 1: System requirements*

EN 50131-5-3, *Alarm systems - Intrusion systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques*

EN 50131-6, *Alarm systems - Intrusion and hold-up systems - Part 6: Power supplies*

EN 60068-2-75, *Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests (IEC 60068-2-75)*

EN 60529, *Degrees of protection provided by enclosures (IP Code)(IEC 60529)*

CLC/TS 50136-10:2022, *Alarm systems - Alarm transmission systems and equipment - Part 10: Requirements for remote access*

² As impacted by EN 50131-1:2006/A1:2009, EN 50131-1:2006/A2:2017 and EN 50131-1:2006/A3:2020.