ICS 13.320, 33.040.40 PREDBEŽNÁ SLOVENSKÁ TECHNICKÁ NORMA Jún 2021

STN P	**Poplachové systémy Poplachové prenosové systémy a zariadenia Časť 9: Požiadavky na spoločný protokol na prenos poplachu používajúci Internet Protocol (IP)**	**STN P CLC/TS 50136-9** 33 4596

Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/21

Obsahuje: CLC/TS 50136-9:2020

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English Version

Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP)

Systèmes d'alarmes - Systèmes et équipements de transmission d'alarme - Partie 9 : Exigences pour le protocole commun de transmission d'alarme utilisant le protocole Internet (IP)

Alarmanlagen - Alarmübertragungsanlagen und -einrichtungen - Teil 9: Anforderungen an standardisierte Protokolle zur Alarmübertragung unter Nutzung des Internetprotokolls (IP)

This Technical Specification was approved by CENELEC on 2020-09-28.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

This document (CLC/TS 50136-9:2020) has been prepared by CLC/TC 79 "*Alarm systems"*.

This document supersedes CLC/TS 50136-9:2017.

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.

This document specifies a common IP transport protocol for alarm transmission. The published version (2017, second version) required solving both technical and security issues identified during the first actual implementations of the protocol. The working group was working closely with the early adopters of the protocol and has a very clear and complete list of issues and solutions. This revision supersedes the previous version.

EN 50136 consists of the following parts, under the general title *Alarm systems - Alarm transmission systems and equipment*:

— *Part 1: General requirements for alarm transmission systems*

— *Part 2: General requirements for Supervised Premises Transceiver (SPT)*

— *Part 3: Requirements for Receiving Centre Transceiver (RCT)*

— *Part 4: Annunciation equipment used in alarm receiving centres*

— *Part 5: (Free)*

— *Part 6: (Free)*

— *Part 7: Application guidelines*

— *Part 8: (Free)*

— *Part 9: Requirements for a common protocol for alarm transmission using the Internet Protocol (IP)*

1 Scope

This document specifies a protocol for point-to-point transmission of alarms and faults, as well as communications monitoring, between a Supervised Premises Transceiver and a Receiving Centre Transceiver using the Internet Protocol (IP).

The protocol is intended for use over any network that supports the transmission of IP data. These include Ethernet, xDSL, GPRS, WiFi, UMTS and WIMAX.

The system performance characteristics for alarm transmission are specified in EN 50136-1.

The requirements for the performance of the alarm transmission system, the SPT and the RCT are specified in the relevant parts of the EN 50136 series.

Compliance with this document is voluntary.

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 50136-1:2012, *Alarm systems - Alarm transmission systems and equipment - Part 1: General requirements for alarm transmission systems*