

STN	Obrazové sledovacie systémy na používanie v bezpečnostných aplikáciách Časť 5-1: Špecifikácie údajov a charakteristiky kvality zobrazenia kamerových zariadení Metódy skúšania vplyvu prostredia na charakteristiky kvality zobrazenia	STN EN IEC 62676-5-1 33 4592
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Video surveillance systems for use in security applications - Part 5-1: Data specifications and image quality performance for camera devices - Environmental test methods for image quality performance

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. 10/24

Obsahuje: EN IEC 62676-5-1:2024, IEC 62676-5-1:2024

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EN IEC 62676-5-1

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English Version

**Video surveillance systems for use in security applications - Part
5-1: Data specifications and image quality performance for
camera devices - Environmental test methods for image quality
performance
(IEC 62676-5-1:2024)**

Systèmes de vidéosurveillance destinés à être utilisés dans
les applications de sécurité - Partie 5-1: Spécifications des
données et performances de la qualité d'image pour les
dispositifs de caméra - Méthodes d'essai d'environnement
pour les performances de la qualité d'image
(IEC 62676-5-1:2024)

Videoüberwachungsanlagen für Sicherungsanwendungen -
Teil 5-1: Datenspezifikationen und Bildqualitätsleistung für
Kamerageräte - Umweltprüfverfahren für die
Bildqualitätsleistung
(IEC 62676-5-1:2024)

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

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

EN IEC 62676-5-1:2024 (E)**European foreword**

The text of document 79/704/FDIS, future edition 1 of IEC 62676-5-1, prepared by TC 79 "Alarm and electronic security systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62676-5-1:2024.

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IEC 60068-2-78	NOTE	Approved as EN 60068-2-78
IEC 62676-1-1	NOTE	Approved as EN 62676-1-1
IEC 62676-2-1	NOTE	Approved as EN 62676-2-1
IEC 62676-3	NOTE	Approved as EN 62676-3
IEC 62676-4	NOTE	Approved as EN 62676-4

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-1	2007	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	2007
IEC 60068-2-2	2007	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	2007
IEC 62676-5	2018	Video surveillance systems for use in security applications - Part 5: Data specifications and image quality performance for camera devices	EN IEC 62676-5	2018



IEC 62676-5-1

Edition 1.0 2024-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Video surveillance systems for use in security applications –
Part 5-1: Data specifications and image quality performance for camera devices –
Environmental test methods for image quality performance**

**Systèmes de vidéosurveillance destinés à être utilisés dans les applications de
sécurité –**

**Partie 5-1: Spécifications des données et performances de la qualité d'image
pour les dispositifs de caméra – Méthodes d'essai d'environnement pour les
performances de la qualité d'image**

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INTERNATIONAL STANDARD

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performances de la qualité d'image**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**VIDEO SURVEILLANCE SYSTEMS FOR USE –
IN SECURITY APPLICATIONS –****Part 5-1: Data specifications and image quality performance for camera
devices – Environmental test methods for image quality performance**

FOREWORD

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This International Standard is to be used in conjunction with IEC 62676-5:2018.

The text of this International Standard is based on the following documents:

Draft	Report on voting
79/704/FDIS	79/709/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 62676 series, published under the general title *Video surveillance systems for use in security applications*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

INTRODUCTION

The goal of this document is to define the performance test methods for image quality, a feature of video surveillance systems which is subject to change depending on the environmental conditions (temperature and humidity).

VIDEO SURVEILLANCE SYSTEMS FOR USE – IN SECURITY APPLICATIONS –

Part 5-1: Data specifications and image quality performance for camera devices – Environmental test methods for image quality performance

1 Scope

This part of IEC 62676 is an extension of IEC 62676-5 which defines measuring methods for performance values of video surveillance camera equipment and defines image quality tests under the given temperature and humidity environment.

This document is mainly targeting cameras with integrated lenses as the lenses are a major component that can impact the results. If the lens is selectable, the lens will be stated together with the results.

2 Normative references

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IEC 60068-2-2:2007, *Environmental testing – Part 2-2: Tests – Test B: Dry heat*

IEC 62676-5:2018, *Video surveillance systems for use in security applications – Part 5: Data specifications and image quality performance for camera devices*

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