

Spoločné riadiace rozhranie pre digitálne audiovýrobky a videovýrobky pripojené na sieť. Časť 3: Obraz.

STN EN 62379-3

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Common control interface for networked digital audio and video products - Part 3: Video

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. 01/16

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English Version

Common control interface for networked digital audio and video products - Part 3: Video (IEC 62379-3:2015)

Interface de commande commune destiné aux produits audio et vidéo numériques connectés en réseau - Partie 3: Vidéo (IEC 62379-3:2015)

Gemeinsame Steuerschnittstelle für netzwerkbetriebene digitale Audio- und Videogeräte - Teil 3: Video (IEC 62379-3:2015)

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European foreword

The text of document 100/2465/FDIS, future edition 1 of IEC 62379-3, prepared by Technical Area 4 "Digital system interfaces and protocols" of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62379-3:2015.

The following dates are fixed:

•	latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2016-04-10
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2018-07-10

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62379-2:2008	NOTE	Harmonized as EN 62379-2:2009 (not modified).
IEC 62379-5 Series	NOTE	Harmonized as EN 62379-5 Series.
IEC 62379-7	NOTE	Harmonized as EN 62379-7.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 62379-1	2007	Common control interface for networked digital audio and video products - Part 1: General	EN 62379-1	2007



IEC 62379-3

Edition 1.0 2015-06

INTERNATIONAL STANDARD

Common control interface for networked digital audio and video products – Part 3: Video





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IEC 62379-3

Edition 1.0 2015-06

INTERNATIONAL STANDARD

Common control interface for networked digital audio and video products – Part 3: Video

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMON CONTROL INTERFACE FOR NETWORKED DIGITAL AUDIO AND VIDEO PRODUCTS –

Part 3: Video

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International Standard IEC 62379-3 has been prepared by technical area 4: Digital system interfaces and protocols of IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
100/2465/FDIS	100/2495/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62379 series, published under the general title Common control interface for networked digital audio and video products, can be found on the IEC website.

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- reconfirmed,
- · withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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INTRODUCTION

The IEC 62379 series specifies the common control interface, a protocol for managing equipment which conveys audio and/or video across digital networks.

The following parts exist or are planned:

- 1) General
- 2) Audio
- 3) Video
- 4) Data
- 5) Transmission over networks
- 6) Packet transfer service
- 7) Measurement for EBU ECN-IPM

IEC 62379-1:2007, specifies aspects which are common to all equipment, and it includes an introduction to the common control interface.

IEC 62379-2:2008, IEC 62379-3 (this standard) and IEC 62379-4 (under consideration) specify control of internal functions specific to equipment carrying particular types of live media. IEC 62379-4 refers to time-critical data such as commands to automation equipment, but not to packet data such as the control messages themselves.

IEC 62379-5 specifies control of transmission of these media over each individual network technology. It includes network specific management interfaces along with network specific control elements that integrate into the control framework.

IEC 62379-5-1 specifies management of aspects which are common to all network technologies.

IEC 62379-5-2 specifies protocols which can be used between networking equipment to enable the setting up of calls which are routed across different networking technologies.

IEC 62379-5-3, onwards, specify management of aspects which are particular to individual networking technologies.

IEC 62379-6, specifies carriage of control and status messages and non-audiovisual data over transports that do not support audio and video, such as RS232 serial links, with (as for IEC 62379-5) a separate subpart for each technology.

IEC 62379-7 specifies aspects that are specific to the measurement of the service experienced by audio and video streams and in particular to the requirements of EBU ECN-IPM Measurements Group.

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COMMON CONTROL INTERFACE FOR NETWORKED DIGITAL AUDIO AND VIDEO PRODUCTS –

Part 3: Video

1 Scope

This part of IEC 62379 details aspects of the common control interface specified in IEC 62379-1 that are specific to video.

2 Normative references

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IEC 62379-1:2007, Common control interface for networked audio and video products – Part 1: General

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