IEC 61925

Edition 1.0   2005-09

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Multimedia systems and equipment – Multimedia home server systems – Vocabulary of home server

Systèmes et appareils multimédia – Systèmes pour serveur domestique multimédia – Vocabulaire du serveur domestique

IEC 61925:2005

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MULTIMEDIA SYSTEMS AND EQUIPMENT –
MULTIMEDIA HOME SERVER SYSTEMS –
VOCABULARY OF HOME SERVER

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International Standard IEC 61925 has been prepared by Technical Area 8: Multimedia home server systems, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This bilingual version (2013-07) corresponds to the monolingual English version, published in 2005-09.

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

Enquiry draft	Report on voting
100/935/FDIS	100/1006/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.

The French version of this standard has not been voted upon.

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

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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INTRODUCTION

Some consumer electronics companies are developing home server systems and service, but their vocabularies of home server systems are different from each other. In order to start a discussion on home server systems, it is necessary to standardize the vocabulary of home servers. This standardization is also important for users in order to operate the home server system easily.

MULTIMEDIA SYSTEMS AND EQUIPMENT –
MULTIMEDIA HOME SERVER SYSTEMS –
VOCABULARY OF HOME SERVER

1 Scope

This International Standard defines the vocabulary of a home server for multimedia home server systems. Its intended use is to assist user interface designers and editors of product documentation by defining standard terms for the new commands and functions that home servers offer.

2 Normative references

The following referenced documents are indispensable for the application 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.

IEC 62318:2003, *Multimedia systems and equipment – Multimedia home server systems – Home server conceptual model*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1   User commands of home server

3.1.1   Record stream commands

3.1.1.1
auto renewal recording
recording the most recent episode of a specified TV show over the previous one

NOTE   A user can automatically record an episode of a specified TV show either every day or every week directly onto the hard disk, with the most recent episode being recorded right over the previous one. If the previous episode is being played back while the new one is being recorded, the new episode will be recorded onto a different section of the hard disk.

3.1.1.2
recording mode
mode varying quality and length in recording

NOTE   A user can set one of different recording modes, each varying in recording quality and length. For example, LP (Long-Play) mode yields the most recording time, SP (Standard-Play) modes provide less recording time with higher quality recording, and XP (eXcellent-Play) mode gives the highest quality recording.

3.1.1.3
show free volume
show the remaining recordable volume on the recording medium

NOTE   The remaining volume is shown with recordable time.

3.1.2   Playback stream commands

3.1.2.1
digest playback
playback at a shorter time than that in which the content can be understood

NOTE   An image of the recorded programme playback at double speed and a voice of the recorded programme playback by regenerating normal speed.

3.1.2.2
fast backward
playback backward at higher speed than normal play

3.1.2.3
fast forward
playback forward at higher speed than normal play

3.1.2.4
pause
pause recording process or playback process

3.1.2.5
repeat
playback the same stream or the same scene repeatedly

3.1.2.6
replay
jump playback point to the past point that is the fixed time before the present

3.1.2.7
skip
jump playback point to the next index point

3.1.2.8
slow backward
playback backward at lower speed than normal play

3.1.2.9
slow forward
playback forward at lower speed than normal-play

3.1.3   Edit stream commands

3.1.3.1
combine
combine two recorded streams into one piece

3.1.3.2
divide
divide one recorded stream into two pieces

3.1.3.3
playlist
user-edited scenes list

NOTE   A user can perform simple non-linear video editing, such as rearranging the order of scenes, skipping over unwanted scenes, or copying selections, to create custom playlists of favourite scenes on a disc.

3.1.4 Manage stream commands

3.1.4.1
delete
delete a recorded stream from a recording medium

3.1.4.2
dubbing
copying a stream that has previously been recorded on a disc to another disc

3.1.4.3
move
moving a stream that has previously been recorded on a disc to another disc

NOTE   In the moving process, the original stream should be deleted.

3.1.4.4
protect
protect from deleting a recorded stream by mistake

3.1.5 Show photos commands

3.1.5.1
thumbnail
presentation for many reduced photo images on the screen top

3.1.5.2
slide-show
presentation for photos in sequence at fixed intervals

3.1.6 Display list commands

3.1.6.1
chapter list
list of chapters in a recorded stream on the screen top

NOTE   A recorded stream consists of one or more chapters. Chapters can be automatically created during stream recording, or a user can create them after stream recording.

3.1.6.2
thumbnail list
list of reduced images that represent the scenes of recorded material displayed for selection

3.1.6.3
title list
list of recorded TV programme titles on the screen top

3.2 Equipment functions of home server

3.2.1
broadcasting for storage
broadcasting for storage of contents on the hard disk; a user can watch the content by playback from the hard disk

3.2.2
chasing playback
playback the live programme in progress from any past point while continuing to record the programme

NOTE   A user no longer has to wait for an entire programme to be recorded before watching it from beginning to end. With this function, the user can skip back to watch a programme currently being recorded from any point that has already been recorded while continuing to record the live programme in progress.

**3.2.3
loop recording**
repeated and uninterrupted recording for a certain fixed period of time

NOTE   The data is overwritten at the recording start point when the fixed time has elapsed.

**3.2.4
multi-scenario contents**
TV programme which consists of more than one scenario that develops according to the user's choice

**3.2.5
multi-view contents**
TV programme which consists of more than one video/audio stream

NOTE   For example baseball = videos from different angles and same audio, or golf = different holes (different video and audio).

**3.2.6
playlist playback**
playback according to the playlist

**3.2.7
relief recording**
recording onto the hard disk if there is not enough disc space in the optical disc

NOTE   The remaining disc space before recording onto an optical disc is checked, and, if there is not enough disc space, the entire programme gets recorded onto the hard disk. This function also works if you have chosen to record a programme and forgotten to insert a disc.

**3.2.8
resource optimized recording**
recording with the best picture quality possible for the recording time and remaining space on the disc

**3.2.9
resume playback**
start to playback from a previous stop point

**3.2.10
seamless playback**
playback two recorded programmes without an interval

**3.2.11
simultaneous recording and playback**
recording a programme onto a disc while watching any other programme that has previously been recorded on the same disc

**3.2.12
skip-back recording**
recording that begins at a fixed time prior to the recording start operation

NOTE   This is used for recording what begins immediately before the occurrence of an event. An example of an event is a home run in the baseball game under broadcasting.

Bibliography

The following documents have served as references in the preparation of this standard.

[1] 1394TA Specification No. 2001012, AV/C Digital Interface Command Set General Specification Version 4.1, 2001.

[2] CEA Standard CEA-931-B, Remote Control Command Pass-through Standard for Home Networking, 2003-09.

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