

INTERNATIONAL STANDARD



**3D display devices –
Part 13-1: Visual inspection methods for stereoscopic displays using glasses –
Ghost image**





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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
Fax: +41 22 919 03 00
info@iec.ch
www.iec.ch

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CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 Standard visual inspection conditions	6
4.1 Environmental conditions	6
4.2 Setup conditions	7
4.2.1 Standard visual inspection distance and standard observing point	7
4.2.2 Setup conditions of stereoscopic display	7
4.2.3 Warm-up conditions of display modules and glasses	7
4.3 Lighting conditions	7
4.4 Inspector conditions	8
4.5 Input signals	8
4.5.1 Signal format and field frequency of input video signal	8
4.5.2 Input signal pattern	8
5 Visual inspection methods	12
5.1 Purpose	12
5.2 Visual inspection equipment.....	12
5.3 Visual inspection conditions	12
5.4 Visual inspection procedure	13
5.4.1 Warm-up.....	13
5.4.2 Inspection of 2D artefact.....	13
5.4.3 Inspection of 3D ghost.....	13
5.5 Report.....	15
Annex A (informative) Measurement with two-dimensional light measuring device (LMD)	16
A.1 General.....	16
A.2 Measuring conditions	16
A.3 Measuring layout	16
A.4 Measuring method	16
A.5 Report.....	17
Annex B (informative) Signal format.....	18
Bibliography.....	19
Figure 1 – Top view of standard visual inspection layout.....	7
Figure 2 – Nine positions for the box patterns	8
Figure 3 – Example of box pattern at G_1 and G_2	9
Figure 4 – Example of input signal for the visual inspection of ghost at G_2 and G_1	11
Figure 5 – Example of input signal for 2D image comparison	12
Figure 6 – Example of ghost artefact.....	13
Figure 7 – Comparison of ghost artefact and bar of the different grey levels G_b in the box pattern	14
Figure A.1 – Top view of standard measuring layout using a two-dimensional LMD	16
Figure B.1 – Signal formats for stereoscopic display using glasses	18

Table 1 – Value of grey levels G_1 and G_2 for an 8-bit grey scale display..... 10

Table 2 – Example of visual inspection report at nine positions for grey levels $G_1 = 255$ and $G_2 = 0$ 15

Table A.1 – Example of measurement report, using the input signal of nine-box pattern, grey levels $G_1 = 255$ and $G_2 = 0$ 17

INTERNATIONAL ELECTROTECHNICAL COMMISSION

3D DISPLAY DEVICES –

**Part 13-1: Visual inspection methods for stereoscopic displays
using glasses – Ghost image**

FOREWORD

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International Standard IEC 62629-13-1 has been prepared by IEC technical committee 110: Electronic display devices.

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

FDIS	Report on voting
110/896/FDIS	110/912/RVD

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

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

A list of all parts in the IEC 62629 series, published under the general title *3D display devices*, 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 "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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- withdrawn,
- replaced by a revised edition, or
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3D DISPLAY DEVICES –

Part 13-1: Visual inspection methods for stereoscopic displays using glasses – Ghost image

1 Scope

This part of IEC 62629 specifies the visual inspection methods of ghost image. This document is applicable to stereoscopic displays using glasses.

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.

IEC 61747-30-1:2012, *Liquid crystal display devices – Part 30-1: Measuring methods for liquid crystal displays modules – Transmissive type*

IEC 61988-2-1:2012, *Plasma display panels – Part 2-1: Measuring methods – Optical and optoelectrical*

IEC 62341-6-3:2012, *Organic light emitting diode (OLED) displays – Part 6-3: Measuring methods of image quality*

IEC 62629-1-2, *3D display devices – Part 1-2: Terminology and letter symbols*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 62629-1-2 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

ghost image

image artefact that the observer perceives due to the incomplete separation of the left and the right images occurring in the stereoscopic display using glasses

4 Standard visual inspection conditions

4.1 Environmental conditions

Visual inspection shall be carried out under the standard environmental conditions as follows:

- temperature: 25 °C ± 5 °C,