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Anslutningar för Multidisplayer – Del 2: Mätmetoder

*LCD multi-screen display terminals –
Part 2: Measuring methods*

Som svensk standard gäller europastandarden EN IEC 63181-2:2020. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 63181-2:2020.

Nationellt förord

Europastandarden EN IEC 63181-2:2020

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 63181-2, First edition, 2020 - LCD multi-screen display terminals -
Part 2: Measuring methods**

utarbetad inom International Electrotechnical Commission, IEC.

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English Version

**LCD multi-screen display terminals - Part 2: Measuring methods
(IEC 63181-2:2020)**

Terminaux d'affichage à plusieurs écrans LCD - Partie 2:
Méthodes de mesure
(IEC 63181-2:2020)

LCD Multi-screen Anzeigeterminals - Teil 2: Messverfahren
(IEC 63181-2:2020)

This European Standard was approved by CENELEC on 2020-07-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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

European foreword

The text of document 100/3413/FDIS, future edition 1 of IEC 63181-2, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63181-2:2020.

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) 2021-04-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-07-16

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Endorsement notice

The text of the International Standard IEC 63181-2:2020 was approved by CENELEC as a European Standard without any modification.

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

IEC 60107-1:1997 NOTE Harmonized as EN 60107-1:1997 (not modified)

IEC 61747-30-1:2012 NOTE Harmonized as EN 61747-30-1:2012 (not modified)

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where 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>	<u>EN/HD</u>	<u>Year</u>
IEC/TS 63181-1	-	LCD multi-screen display terminals - Part 1: Conceptual model	-	-

CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Measuring conditions	5
4.1 Standard measuring environmental conditions	5
4.2 Optical measuring distance	6
5 Measurement methods of structure test for LCD multi-screen display terminals	6
5.1 Physical gap	6
5.1.1 General	6
5.1.2 Method of measurement	6
5.2 Optical gap	7
5.2.1 General	7
5.2.2 Method of measurement	7
5.3 Splicing deviation	7
5.3.1 General	7
5.3.2 Method of measurement	8
5.4 LCD multi-screen display terminals installation deviation	8
5.4.1 General	8
5.4.2 Method of measurement	9
6 Measuring methods of LCD multi-screen display terminals' optical-electrical performance	10
6.1 Measuring methods of LCD multi-screen display terminals' luminance – uniformity	10
6.1.1 LCD splicing screen luminance uniformity	10
6.1.2 Luminance uniformity of adjacent LCD units	11
6.2 Measuring methods of chromatic uniformity for LCD splicing screen	13
6.2.1 Chromatic uniformity of centre points of LCD units	13
6.2.2 Chromatic uniformity of adjacent edge-centre points of adjacent LCD units	13
Bibliography	15
Figure 1 – Illustration for physical gap and optical gap	7
Figure 2 – Illustration for test signal	8
Figure 3 – Illustration for diagonal distances	9
Figure 4 – Illustration for $\angle EBD$	10
Figure 5 – Illustration for testing units	11
Figure 6 – Example for luminance measurements of edge-centre point pairs	12
Table 1 – Example for luminance performance calculation of edge-centre point pairs P _{1~4}	13

INTERNATIONAL ELECTROTECHNICAL COMMISSION

LCD MULTI-SCREEN DISPLAY TERMINALS –**Part 2: Measuring methods****FOREWORD**

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International Standard IEC 63181-2 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

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

FDIS	Report on voting
100/3413/FDIS	100/3441/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 63181 series, published under the general title *LCD multi-screen display terminals*, 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

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

LCD MULTI-SCREEN DISPLAY TERMINALS –

Part 2: Measuring methods

1 Scope

This part of IEC 63181 specifies measuring methods for LCD multi-screen display terminals. To evaluate the characteristics of LCD multi-screen display terminals, the following measurement items are specified:

- gap (physical, optical): detailed splicing precision;
- splicing deviation: splicing accuracy of active areas of LCD splicing screen;
- installation deviation: the flatness of terminal surfaces in vertical and horizontal directions;
- luminance uniformity: luminance uniformity of adjacent LCD units;
- chromatic uniformity: chromatic uniformity of adjacent LCD units.

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 TS 63181-1, *LCD multi-screen display terminals – Part 1: Conceptual model*