

# INTERNATIONAL STANDARD



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**Touch and interactive displays –  
Part 12-20: Measurement methods of touch displays – Multi-touch performance**



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**Touch and interactive displays –  
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## CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative references .....	6
3 Terms and definitions .....	6
4 Standard measuring conditions.....	6
4.1 Standard environmental conditions .....	6
4.2 Measuring equipment.....	7
4.3 Test bar .....	7
4.4 Test bar position .....	7
5 Touch performance measuring methods .....	8
5.1 Multi-touch support .....	8
5.1.1 Purpose.....	8
5.1.2 Test procedure .....	8
5.1.3 Report .....	8
5.2 Adjacent touch distance .....	8
5.2.1 Purpose.....	8
5.2.2 Test procedure .....	9
5.2.3 Report .....	9
5.3 Adjacent touch accuracy .....	9
5.3.1 Purpose.....	9
5.3.2 Test procedure .....	10
5.3.3 Report .....	10
5.4 Rotation .....	10
5.4.1 Purpose.....	10
5.4.2 Test procedure .....	10
5.4.3 Report .....	13
5.5 Pinch motion drifting .....	14
5.5.1 Purpose.....	14
5.5.2 Test procedure .....	14
5.5.3 Report .....	16
5.6 Multi-touch sliding.....	16
5.6.1 Purpose.....	16
5.6.2 Test procedure .....	16
5.6.3 Report .....	17
5.7 Multi-touch crosstalk .....	17
5.7.1 Purpose.....	17
5.7.2 Test procedure .....	17
5.7.3 Report .....	18
5.8 Fast tap .....	18
5.8.1 Purpose.....	18
5.8.2 Test procedure .....	18
5.8.3 Report .....	19
Figure 1 – Composition of measuring equipment.....	7
Figure 2 – Examples of test bars.....	7
Figure 3 – Location of edge area and centre area .....	8

Figure 4 – Example of adjacent touch distance .....9

Figure 5 – Example of adjacent test bars on the *X* axis ..... 10

Figure 6 – Example of full circular rotation ..... 11

Figure 7 – Position of the centre of rotation ..... 11

Figure 8 – Definition of  $R_{min}$ ,  $R_{ref}$  and  $R_{max}$  ..... 14

Figure 9 – Start points of test bars ..... 15

Figure 10 – Example of pinch motion drifting in the horizontal direction ..... 16

Figure 11 – Example of the multi-touch slide of three test bars in the vertical direction ..... 17

Figure 12 – Example of multi-touch crosstalk in the horizontal direction ..... 18

Figure 13 – Example of fast tap ..... 19

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## TOUCH AND INTERACTIVE DISPLAYS –

**Part 12-20: Measurement methods of touch displays –  
Multi-touch performance**

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International Standard IEC 62908-12-20 has been prepared by IEC technical committee 110: Electronic displays.

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

FDIS	Report on voting
110/1129/FDIS	110/1148/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 62908 series, published under the general title *Touch and interactive displays*, 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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## TOUCH AND INTERACTIVE DISPLAYS –

### Part 12-20: Measurement methods of touch displays – Multi-touch performance

#### 1 Scope

This part of IEC 62908 specifies the standard measuring conditions and measurement methods for the multi-touch performance of a touch sensor module. This document is applicable to touch sensor modules, where the structural relationship between the touch sensor, touch controller, touch sensor module, display panel, touch display panel, and touch display module is defined in IEC 62908-1-2.

#### 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 60068-1, *Environmental testing – Part 1: General and guidance*

IEC 62908-1-2, *Touch and interactive displays – Part 1-2: Generic – Terminology and letter symbols*

IEC 62908-12-10, *Touch and interactive displays – Part 12-10: Measurement methods of touch displays – Touch and electrical performance*

#### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 60068-1 and IEC 62908-1-2 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>

#### 4 Standard measuring conditions

##### 4.1 Standard environmental conditions

Measurements shall be carried out under the standard environmental conditions:

- temperature: 25 °C ± 3 °C,
- relative humidity: 25 % RH to 85 % RH,
- atmospheric pressure: 86 kPa to 106 kPa.

When different environmental conditions are used, they shall be noted in the measurement report.