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IEC 62908-12-10: 2017

## DRAFT TANZANIA STANDARD

**(Draft for comments only)**

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

**TANZANIA BUREAU OF STANDARDS**

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## 1 National Foreword

This draft Tanzania Standard is being prepared by the Communication Equipment Technical Committee, under the supervision of the Electrotechnical divisional standards committee (EDC)

This draft Tanzania Standard is an adoption of the International Standard **IEC 62908-12-10: 2017** *Touch and interactive displays - Part 12-10: Measurement methods of touch displays - Touch and electrical performance*, Which has been prepared by the International Electrotechnical Commission.

## 2 Terminology and conventions

Some terminologies and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following: -

- a) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.
- b) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”.

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# INTERNATIONAL STANDARD



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

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## TOUCH AND INTERACTIVE DISPLAYS –

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

## FOREWORD

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International Standard IEC 62908-12-10 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
110/861/FDIS	110/872/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 *interactive displays*, can be found on the IEC website.

*Touch and*

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.

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

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## TOUCH AND INTERACTIVE DISPLAYS –

### Part 12-10: Measurement methods of touch displays – Touch and electrical performance

#### 1 Scope

This part of IEC 62908 specifies the standard measuring conditions and methods for determining touch performance of a touch sensor module. This document is applicable to touch sensor modules, where the structural relationship between 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<sup>1</sup>, *Touch and interactive displays – Part 1-2: Generic – Terminology and letter symbols*

#### 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 Measuring conditions

##### 4.1 Standard measuring 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.