



# INTERNATIONAL STANDARD

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**Liquid crystal display devices –  
Part 2: Liquid crystal display modules – Sectional specification**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### LIQUID CRYSTAL DISPLAY DEVICES –

### Part 2: Liquid crystal display modules – Sectional specification

#### FOREWORD

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International Standard IEC 61747-2 has been prepared by IEC technical committee 110: Electronic display devices.

This International Standard is to be used in conjunction with IEC 61747-1-1:2014.

This second edition cancels and replaces the first edition published in 1998. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) This version is applicable only for liquid crystal displays.
- b) All the references to IECQ and QC were removed in accordance with ISO/IEC Directives.
- c) The normative references were updated.

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

CDV	Report on voting
110/531/CDV	110/602/RVC

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

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

A list of all the parts in the IEC 61747 series, published under the general title *Liquid crystal display devices*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of this publication will remain unchanged until the stability 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

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- withdrawn,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

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

## **LIQUID CRYSTAL DISPLAY DEVICES –**

### **Part 2: Liquid crystal display modules – Sectional specification**

#### **1 Scope**

This part of IEC 61747 applies to liquid crystal display modules such as the following:

- static/segment type liquid crystal display modules;
- passive matrix monochrome liquid crystal display modules;
- passive matrix colour liquid crystal display modules;
- active matrix monochrome liquid crystal display modules;
- active matrix colour liquid crystal display modules.

It gives details of the quality assessment procedures, inspection requirements, screening sequences, sampling requirements, and test and measurement procedures required for the assessment of liquid crystal display modules.

#### **2 Normative reference**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61747-1-1:2014, *Liquid crystal display devices – Part 1-1: Generic – Generic specification*

IEC 61747-10-1, *Liquid crystal display devices – Part 10-1: Environmental, endurance and mechanical test methods – Mechanical*

IEC 61747-10-2, *Liquid crystal display devices – Part 10-2: Environmental, endurance and mechanical test methods – Environmental and endurance*