TECHNICAL REPORT

ISO/TR 12231-2

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2022-05

Photography — Electronic still picture imaging terminology —

Part 2: Other defined terms

Photographie — Terminologie de l'imagerie de prises de vue électroniques —

Partie 2: Autres termes définis

Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 42, Photography.

This first edition of ISO/TR 12231-2 together with ISO 12231-1:2020 cancels and replaces ISO 12231:2012, which has been technically revised. The main changes are as follows:

All terms defined in publications maintained by ISO/TC 42 WG 18, WG 20, WG 23 and WG 25 are listed in this document, with the publication containing the definition indicated. Terms that are not defined in other WG 18, WG 20 WG 23, and WG 25 publications are defined in ISO 12231-1:2020.

A list of all parts in the ISO 12231 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

Electronic still picture imaging concepts are drawn from traditional photography, electronics, video, and information technology. In some cases, the concepts are redefined to apply to electronic still picture imaging. For example, unlike traditional photography, measurements cannot be defined in terms of “film” or “sensitised material”, since images acquired by digital image capture devices are stored electronically and are not immediately exposed on film. The meaning of shutter and exposure time is also different for digital image capture devices, because an electronic imaging sensor typically has image acquisition characteristics that are different from those of film.

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Photography — Electronic still picture imaging terminology —

Part 2: Other defined terms

1 Scope

This document provides a list of terms defined in other ISO/TC 42 International Standards, Technical Specifications and Technical Reports relevant to electronic still picture imaging.

This document is intended to be used in conjunction with the definition sources listed.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

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

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Terms defined in other ISO/TC 42 International Standards, Technical Specifications and Technical Reports

Table 1 gives a list of terms defined in other ISO/TC 42 International Standards, Technical Specifications and Technical Reports, and their sources.

Table 1 — List of terms and sources

Term	Source of definition
35 mm film equivalent focal length	ISO 19093:2018, 3.3 ISO 20954-1:2019, 3.7
absolute colorimetric coordinates	ISO/TR 17321-2:2012, 2.1 ISO 22028-1:2016, 3.1
actual image height	ISO 17850:2015, 3.2.2
adapted white	ISO/TR 17321-2:2012, 2.2 ISO 22028-1:2016, 3.2 ISO 22028-2:2013, 3.1 ISO/TS 22028-3:2012, 3.1 ISO/TS 22028-4:2012, 3.1

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