
**Digital cinema (D-cinema) distribution
master —**

**Part 19:
Serial digital interface signal formatting
for additional frame rates level AFR2 and
level AFR4**

Souche de la distribution du cinéma numérique (cinéma D) —

*Partie 19: Formatage du signal de l'interface numérique de série pour
les cadences de prise de vue supplémentaire de niveaux AFR2 et
AFR4*



Reference number
ISO 26428-19:2011(E)

AVA Documents
Document Sharing Hub
© ISO 2011



COPYRIGHT PROTECTED DOCUMENT

© ISO 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 26428-19 was prepared by the Society of Motion Picture and Television Engineers (as SMPTE 428-19-2010) and was adopted, under a special “fast-track procedure”, by Technical Committee ISO/TC 36, *Cinematography*, in parallel with its approval by the ISO member bodies.

ISO 26428 consists of the following parts, under the general title *Digital cinema (D-cinema) distribution master*:

- *Part 1: Image characteristics* [equivalent to SMPTE 428-1]
- *Part 2: Audio characteristics* [equivalent to SMPTE 428-2]
- *Part 3: Audio channel mapping and channel labeling* [equivalent to SMPTE 428-3]
- *Part 7: Subtitle* [equivalent to SMPTE 428-7]
- *Part 9: Image pixel structure level 3 — Serial digital interface signal formatting* [equivalent to SMPTE 428-9]
- *Part 11: Additional frame rates* [equivalent to SMPTE 428-11]
- *Part 19: Serial digital interface signal formatting for additional frame rates level AFR2 and level AFR4* [equivalent to SMPTE 428-19]

Introduction

This part of ISO 26428 comprises SMPTE 428-19-2010 and Annex ZZ (which provides equivalences between ISO standards and SMPTE standards referenced in the text).

SMPTE STANDARD

D-Cinema Distribution Master — Additional Frame Rates Level AFR2 and Level AFR4 — Serial Digital Interface Signal Formatting



Page 1 of 10 pages

Table of Contents	Page
Foreword	2
Intellectual Property	2
1 Scope	3
2 Conformance Notation	3
3 Normative References	3
4 SDI Image Data Format Constraints	4
5 Virtual Interface Data Format	5
Annex A Progressive Segmented Frame System (Normative)	8
Annex B Bibliography (Informative)	9
Annex C Document Roadmap (Informative)	10