



National Standards Authority of Ireland

STANDARD

**I.S. EN 61966-9:2004**

ICS 33.160.60  
35.040  
37.040

National Standards  
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**MULTIMEDIA SYSTEMS AND EQUIPMENT -  
COLOUR MEASUREMENT AND  
MANAGEMENT PART 9: DIGITAL CAMERAS  
(IEC 61966-9:2003)**

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EUROPEAN STANDARD

**EN 61966-9**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2004

ICS 33.160.60; 35.040; 37.040

Supersedes EN 61966-9:2000

English version

**Multimedia systems and equipment –  
Colour measurement and management  
Part 9: Digital cameras  
(IEC 61966-9:2003)**

Systèmes et appareils multimedia -  
Mesure et gestion de la couleur  
Partie 9: Appareils numériques  
de prise de vue  
(CEI 61966-9:2003)

Multimediasysteme und -geräte -  
Farbmessung und Farbmanagement  
Teil 9: Digitale Kameras  
(IEC 61966-9:2003)

This European Standard was approved by CENELEC on 2004-09-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of the International Standard IEC 61966-9:2003, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the formal vote and was approved by CENELEC as EN 61966-9 on 2004-09-01 without any modification.

This European Standard supersedes EN 61966-9:2000.

The European Standard includes the following significant technical changes from EN 61966-9:2000:

- a) in the light of issuing EN 61966-2-2, the relevant reference to EN 61966-2-1 in Annex C has been replaced by EN 61966-2-2 together with sRGB by scRGB;
- b) Annex C has been replaced and Figure C.1 has been deleted.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2005-09-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2007-09-01

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## Endorsement notice

The text of the International Standard IEC 61966-9:2003 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u>  | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|---|--------------|-------------|
| IEC 60050-845      | 1987        | International Electrotechnical Vocabulary (IEV)<br>Chapter 845: Lighting  | -            | -           |
| IEC 61146-1        | 1994        | Video cameras (PAL/SECAM/NTSC) -<br>Methods of measurement<br>Part 1: Non-broadcast single-sensor<br>cameras                                | EN 61146-1   | 1996        |
| IEC 61966-2-1      | 1999        | Multimedia systems and equipment -<br>Colour measurement and management<br>Part 2-1: Colour management - Default<br>RGB colour space – sRGB | EN 61966-2-1 | 2000        |
| ISO 2813           | 1994        | Paints and varnishes - Determination of<br>specular gloss of non-metallic paint films<br>at 20 degrees, 60 degrees and 85<br>degrees        | EN ISO 2813  | 1999        |
| ISO/CIE 10527      | 1991        | CIE standard colorimetric observers   | -            | -           |
| CIE 17.4           | 1987        | International Lighting Vocabulary   | -            | -           |



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