INTERNATIONAL STANDARD

ISO/IEC 11694-6

Second edition
2014-07-01

Identification cards — Optical memory cards — Linear recording method —

Part 6: Use of biometrics on an optical memory card

Cartes d'identification — Cartes à mémoire optique — Méthode d'enregistrement linéaire —

Partie 6: Emploi de la biométrie sur une carte à mémoire optique

Reference number
ISO/IEC 11694-6:2014(E)

© ISO/IEC 2014



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2014

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested 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

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Interchange of biometric data items **2**
5 Biometric Tag Ranges **2**
6 CBEFF files that meet other standards **3**
7 Finding other relevant CBEFF files **4**

© ISO/IEC 2014 – All rights reserved

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 on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/IEC JTC1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

This second edition cancels and replaces the first edition (ISO/IEC 11694-6:2006), which has been technically revised.

ISO/IEC 11694 consists of the following parts, under the general title *Identification cards — Optical memory cards — Linear recording method*:

— *Part 1: Physical characteristics*

— *Part 2: Dimensions and location of the accessible optical area*

— *Part 3: Optical properties and characteristics*

— *Part 4: Logical data structures*

— *Part 5: Data format for information interchange for applications using ISO/IEC 11694-4*

— *Part 6: Use of biometrics on an optical memory card*

 © ISO/IEC 2014 – All rights reserved

Introduction

This part of ISO/IEC 11694 is one of a series of International Standards defining the parameters for optical memory cards and the use of such cards for the storage and interchange of digital data.

This part of ISO/IEC 11694 is specific to optical memory cards using the linear recording method. Characteristics which apply to other specific recording methods shall be found in separate International Standards.

This part of ISO/IEC 11694 describes the use of biometric data on an optical memory card. It uses the logical structure defined in ISO/IEC 11694-5 to facilitate the interchange of biometric data written to optical memory cards using the linear recording method.

All numbers in this document are written in decimal notation unless otherwise specified.

© ISO/IEC 2014 – All rights reserved

Identification cards — Optical memory cards — Linear recording method —

Part 6: Use of biometrics on an optical memory card

1 Scope

This part of ISO/IEC 11694 describes the use of biometric data on optical memory cards using the logical data structure described in ISO/IEC 11694-5.

2 Normative references

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.

ISO/IEC 11694-4, *Identification cards — Optical memory cards — Linear recording method — Part 4: Logical data structures*.

ISO/IEC 11694-5, *Identification cards — Optical memory cards — Linear recording method — Part 5: Data format for information interchange for applications using ISO/IEC 11694-4*

ISO/IEC 19785-1, *Information technology — Common Biometric Exchange Formats Framework — Part 1: Data element specification*

ISO/IEC 19794-2, *Information technology — Biometric data interchange formats — Part 2: Finger minutiae data*

ISO/IEC 19794-3, *Information technology — Biometric data interchange formats — Part 3: Finger pattern spectral data*

ISO/IEC 19794-4, *Information technology — Biometric data interchange formats — Part 4: Finger image data*

ISO/IEC 19794-5, *Information technology — Biometric data interchange formats — Part 5: Face image data*

ISO/IEC 19794-6, *Information technology — Biometric data interchange formats — Part 6: Iris image data*

ISO/IEC 19794-7, *Information technology — Biometric data interchange formats — Part 7: Signature/sign time series data*

ISO/IEC 19794-8, *Information technology — Biometric data interchange formats — Part 8: Finger pattern skeletal data*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 11694-4, ISO/IEC 11694-5, ISO/IEC 19785-1, and the following, apply.

© ISO/IEC 2014 – All rights reserved