
**Identification cards — Optical
memory cards —**

**Part 3:
Authentication techniques**

*Cartes d'identification — Cartes à mémoire optique —
Partie 3: Techniques d'authentification*



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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

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The committee responsible for this document is ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and Personal Identification*.

ISO/IEC 11693 consists of the following parts, under the general title *Identification cards — Optical memory cards*:

- *Part 1: General characteristics*
- *Part 2: Co-existence with other machine readable technologies*
- *Part 3: Authentication techniques*

Introduction

This part of ISO/IEC 11693 is one of a series of International Standards defining the parameters for authentication technology for optical memory cards.

This part of ISO/IEC 11693 is specific to authentication techniques for memory cards using the holographic and linear recording methods. Characteristics which apply to other specific recording methods are found in separate Standards documents.

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Certego GmbH

Keltenring 12

82041 Oberhaching

Germany

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Identification cards — Optical memory cards —

Part 3: Authentication techniques

1 Scope

This part of ISO/IEC 11693 defines the authentication techniques.

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 7810, *Identification cards — Physical characteristics*

ISO/IEC 11693-1, *Identification cards — Optical memory cards — Part 1: General characteristics*

ISO/IEC 11693-2, *Identification cards — Optical memory cards — Part 2: Co-existence of optical memory with other machine readable technologies*

ISO/IEC 10373-1, *Identification cards — Test methods — Part 1: General characteristics*

ISO/IEC 10737-5, *Identification cards — Test methods — Part 5: Optical memory cards*

ISO/IEC 11694-2, *Identification cards — Optical memory cards — Linear recording method — Part 2: Dimensions and location of the accessible optical area*

ISO/IEC 11694-3, *Identification cards — Optical memory cards — Linear recording method — Part 3: Optical properties and characteristics*

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

ISO/IEC 11695-2, *Identification cards — Optical memory cards — Holographic recording method — Part 2: Dimensions and location of accessible optical area*

ISO/IEC 11695-3, *Identification cards — Optical memory cards — Holographic recording method — Part 3: Optical properties and characteristics*

ISO/IEC 11695-4, *Identification cards — Optical memory cards — Holographic recording method — Part 4: 3.3*