



BSI Standards Publication

Information technology — Biometric System-on-Card

Part 2: Physical characteristics

National foreword

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A list of organizations represented on this committee can be obtained on request to its committee manager.

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**Part 2:
Physical characteristics**

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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 17839 consists of the following parts, under the general title *Information technology — Biometric System-on-Card*:

- *Part 1: Core requirements*
- *Part 2: Physical characteristics*
- *Part 3: Logical information interchange mechanism*

This corrected version of ISO/IEC 17839-2:2015 incorporates the following corrections plus other minor editorial modifications.

6.3.1, 2nd paragraph:

“e.g.” was added to the first sentence as well as “²” on “in” and “mm”: “The minimum size of an area sensor shall be 169 mm² (e.g. 13 × 13 mm² or 0.512 × 0.512 in²).”

In 6.3.4, 2nd paragraph and 6.3.4, the decimal point replaces the decimal comma for all instances of “in”:

“In the case of a swipe sensor, the effective area of fingerprint capture is bigger than the sensor size. A swipe sensor shall have a minimum width of 13 mm (0.512 in).”

6.3.4

The size of the signing pad is limited by ergonomics and cultural differences in the signing process, as different societies have different understanding on how a signature should be done. A minimum area of 35 × 35 mm² (1.378 × 1.378 in²) shall be allowed for the signing pad.