

ICS 35.040

CCS L 70



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 33842.5-2018

**Information technology -- Conformance testing methodology
for biometric data interchange formats defined in GB/T 26237 --
Part 5: Face image data**

Issued on: March 15, 2018

Implemented on: October 1, 2018

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

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Foreword

GB/T 33842 "Compliance Test Method for Biometric Data Exchange Formats Defined in Information Technology GB/T 26237" is divided into

Lower part.

- Part 1. General compliance test methods;
- Part 2. Fingerprint minutiae data;
- Part 4. Fingerprint image data;
- Part 5. Face image data;
- Part 6. Iris image data;
- Part 7. Signature/signature time series data;
- Part 8. Fingerprint-type skeleton data;
- Part 9. Blood vessel image data;
- Part 10. Hand geometric outline data.

This part is part 5 of GB/T 33842.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the redrafted law to refer to the ISO /IEC 29109-5:2014 "Specification of Biotechnology in Information Technology ISO /IEC 19794."

Compliance Test Method for Data Exchange Formats Part 5. Face Image Data Compilation, Consistent with ISO /IEC 29109-5:2014

The degree of sexuality is not equivalent.

1 Scope

This part of GB/T 33842 specifies the conformity of the face image data exchange format

defined in GB/T 26237.5-2014.

Elements of test methods, test assertions, and test procedures.

This section applies to.

Compliance testing for the structure of face image data exchange formats as specified in GB -T 26237.5-2014 (corresponding to ISO /IEC

Level 1) of type A defined in 29109-1.2009;

--- Check conformity test of internal consistency by checking the type of value of each field of face image data (corresponding to ISO /

Grade 2 of type A defined in IEC 29109-1.2009;

This section does not apply to.

--- Compliance test for 3D face records defined in GB/T 26237.5-2014;

-- Compliance testing of CBEFF structures required in GB/T 26237.5-2014;

--- Conformance test with biometric input records (level 3);

--- Compliance testing of quality-related parts of the image data specified in GB/T 26237.5-2014;

--- JPEG and JPEG2000 standard compliance tests in image data blocks;

--- Biometric product testing of other features or other types of tests (such as acceptance, performance, robustness, security, etc.).

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article

Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 1988-1998 Seven-bit Coded Character Set for Information Technology Information Exchange (eqvISO /IEC 646.1991)

GB/T 26237.5-2014 Information technology biometric data exchange format Part 5. Face image data (ISO /IEC

19794-5.2006,NEQ)

ISO /IEC 14496-2.2004 Coding of information technology audio-visual objects Part 2. Information technology (Coding)

ofaudio-visualobjects-Part 2.Visual)

ISO /IEC 29109-1.2009 Conformance testing of biometric data exchange formats as defined in information technology ISO /IEC 19794

Method Part 1. General Information Technology-Conformance testing method for biometric data interchange formats defined in ISO /IEC 19794-Part 1. Generalized conformance testing method-

Ology)

ISO /IEC 29794-1.2009 Information Technology Biometrics Sample Quality Part 1. Framework (Information technology-Biometrics sample quality-Part 1. Framework)

3 Terms and definitions

The terms and definitions defined in GB/T 26237.5-2014 and ISO /IEC 29109-1.2009 apply to this document.