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

GB/T 26237.5-2023

Replacing GB/T 26237.5-2014

**Information technology - Biometric data interchange formats -
Part 5: Face image data
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents" drafting:

This document is part 5 of GB/T 26237 "Information Technology Biometric Data Interchange Format": GB/T 26237 has issued Published the following sections:

- Part 1: Framework;
- Part 2: Fingerprint detail point data;
- Part 3: Fingerprint spectral 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 skeleton data;
- Part 9: Vascular image data;
- Part 10: Hand contour data;
- Part 11: Processed signature/signature dynamic data;
- Part 13: Sound data;
- Part 14: DNA data;
- Part 15: Palmprint image data:

This document replaces GB/T 26237.5-2014 "Information Technology Biometric Data Interchange Format - Part 5: Facial Image Data", compared with GB/T 26237.5-2014, except for structural adjustment and editorial changes, the main technical changes are as follows:

- a) Added "conformity test methods, test assertions and test procedures" in the provisions of "scope", and explained that the conformity test does not apply Scope of use (see Chapter 1);
- b) Three terms "Assertion" (3:5), "Test Assertion" (3:6) and "Biometric Characteristics" (3:9) have been added (see Chapter 3);
- c) Deleted "continuous tone image" (see 3.11 of the:2014 edition), "dots per inch" (see 3.14 of the:2014 edition), "manual inspection Check" (see 3.20 of the:2014 edition), "texture perspective matrix" (see 3.27 of the:2014 edition);
- d) "Human body scan markers" (see 3.5 of the:2014 edition) are changed to "human body measurement markers" (3:7), "human body scan markers Code" (see 3.5 of the:2014 edition) is changed to "anthropometric marker coding" (3:8), and "color gamut" (see:2014 edition of 3:10) changed from "color space" (3:13), "mark point" (see 3.17 of the:2014 edition) to "feature point" (3:18), "area map Image" (see 3.24 of the:2014 edition) was changed to "depth image" (3:24), "feature points" (3:18), "fisheye" (3:19) and Definition of the term "red eye" (3:25) (see Chapter 3);
- e) Added four abbreviations "ID, IUT, UTC, XML" (see Chapter 4);
- f) Deleted the two abbreviations "PPCM, PPMM" (see Chapter 4, Chapter 4 of the:2014 edition);
- g) Changed the fixed-length bytes of the face information block and the image information block (see 6.1, 6:1 of the:2014 edition);
- h) Added "structure" (see 6.5:1);
- i) Changed the anthropometric marker points and the corresponding point codes and MPGE4 codes (see 6.6:6 Figure 8, Table 15,:2014 edition