



INTERNATIONAL STANDARD ISO/IEC 29109-4:2010  
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION  
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

**Information technology — Conformance testing methodology  
for biometric data interchange formats defined in  
ISO/IEC 19794 —**

**Part 4:  
Finger image data**

**TECHNICAL CORRIGENDUM 1**

*Technologies de l'information — Méthodologie d'essai de conformité pour les formats d'interéchange de données biométriques définis dans l'ISO/CEI 19794 —*

*Partie 4: Données d'image du doigt*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO/IEC 29109-4:2010 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 37, *Biometrics*.

1. Page 7, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)"

Add a new row to the end of Table 1:

| Requirement identifier | Reference in base standard | Requirement summary                                              | Level | Status | IUT support | Supported range | Test result |
|------------------------|----------------------------|------------------------------------------------------------------|-------|--------|-------------|-----------------|-------------|
| R-71                   | 6.1                        | All numeric values are fixed-length unsigned integer quantities. | 3C    | O-1    |             | N/A             | N/A         |

ICS 35.040

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2. Page 3, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)", row R-18, third column "Requirement summary"

Replace "0-65635"

with "0 to 65535".

3. Page 5, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)"

In row R-36, third column "Requirement summary":

Replace "Capture device ID"

with

"The (2 byte) capture device ID field denotes the vendor-specific capture device ID. A value of all zeros shall be acceptable and shall indicate that the capture device ID is unspecified. Application developers may obtain the values for these codes from the vendor."

4. Page 5, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)", row R-46, third column "Requirement summary"

Replace "'0x1' to '0x10'."

with "0x01 to 0x10."

5. Page 5, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)", row R-49, third column "Requirement summary"

Replace "19.69 ppmm"

with "197 ppcm"

6. Page 6, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)", row R-50, third column "Requirement summary"

Replace "39.37 ppmm"

with "394 ppcm"

7. Page 6, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)", row R-51, third column "Requirement summary"

Replace "39.37 ppmm"

with "394 ppcm"

8. Page 6, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)", row R-52, third column "Requirement summary"

Replace "39.37 ppm"

with "394 ppm"

and

replace "19.69 ppm"

with "197 ppm"

9. Page 6, "Table 1 — Requirements of the base standard (ISO/IEC 19794-4:2005)", row R-52

In the third column "Requirement summary", replace "shall" with "should"

In the fifth column "Status", replace "M" with "O"

10. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 3.1, seventh column "Operand"

Replace "47"

with "46"

11. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 8, fifth column, "Field name"

Change "X scan resolution"

To "Horizontal scan resolution"

12. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 9, fifth column, "Field name"

Replace "Y scan resolution"

with "Vertical scan resolution"

13. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 10.1, fifth column "Field name"

Replace "X image resolution"

with "Horizontal image resolution"

14. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 10.1, seventh column "Operand"

Replace "X Scan Resolution"

with "Horizontal scan resolution"

15. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 10.2, fifth column, "Field name"

Replace "X image resolution"

with "Horizontal image resolution"

16. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test number 11.1, fifth column "Field name"

Replace "Y image resolution"

with "Vertical image resolution"

17. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 11.1, seventh column "Operand"

Replace "Y Scan Resolution"

with "Vertical scan resolution"

18. Page 8, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 11.2, fifth column, "Field name"

Replace "Y image resolution"

with "Vertical image resolution"

19. Page 9, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 13.3, third column, "Requirement ID"

Delete R-52

20. Page 9, "Table 2 — ISO/IEC 19794-4:2005 conformance test assertions", row Test Number 21.1, seventh column "Operand"

Replace "1-65535 "

with "0 to 65535"