

Note on FP-TestV1

CASIA Fingerprint Image Database for Testing Version 1.0 (or FP-TestV1) contains 20,000 fingerprint images of 4,000 fingers from 500 subjects. The fingerprint images of FP-TestV1 were captured using URU4000 fingerprint sensor in one session. The volunteers of FP-TestV1 include graduate students, workers, waiters, etc. Each volunteer contributed 40 fingerprint images of his eight fingers (left and right thumb/second/third/fourth finger), i.e. 5 images per finger. The volunteers were asked to rotate their fingers with various levels of pressure to generate significant intra-class variations. All fingerprint images are 8 bit gray-level BMP files and the image resolution is 328*356.

Both FP-TestV1 and CASIA-FingerprintV5 are part of a larger database. There is no overlap in subjects between FP-TestV1 and CASIA-FingerprintV5. CASIA-FingerprintV5 is released to public domain for training and developing fingerprint recognition algorithms. In contrast, FP-TestV1 is a sequestered dataset for testing submitted algorithms.



Fig. 1 Example fingerprint images in FP-TestV1