

IIT-Bombay, Touchless and Touch Based Fingerprint Database Release Agreement

Introduction:

Currently there is no publicly available smartphone captured touchless fingerprint images and equivalent touch based fingerprint database. "IIT Bombay, Touchless and Touch Based Fingerprint Database" is a set of fingerprint data prepared by Indian Institute of Technology – Bombay, Mumbai, India. The dataset consist of 800 touchless fingerprint images of 200 subjects, 4 samples per subject having image size 170 x 260. It also consist of 800 touch based fingerprint images of the same 200 subjects having image size 260 x 330. The touchless fingerprints are captured using Lenovo Vibe k5 plus smartphone with the developed Android App. The images are captured using embedded flash for illumination. Touch based fingerprints are captured using eNBioScan-C1 (HFDU08) Scanner. The aim of preparing and sharing such a Database is to help researchers in their endeavours in comparing the performance of touchless and touch based fingerprint biometric systems.

Disclaimer:

The Database is made available to researchers only after the receipt of a completed release agreement signed by the researcher's institution on behalf of the individual researcher or research unit. By signing this agreement, the requestor agrees to comply with the restrictions listed below. Any failure to conform to these restrictions, results in a denied access to the Database. There is no charge for data made available and downloaded via the Internet. Applicants should manually fill, sign, scan and attach the application form to the given email address. Upon receipt of an executed copy of the signed application form, access instructions will be given. For faster processing of your request, please be sure to use your institutional e-mail to send the form.

Consent:

1. This database is a valuable intellectual property whose licence resides only with IIT-Bombay.
2. Subject to the terms and conditions of this agreement, the IIT-Bombay Fingerprint Database is available for non-commercial research use only, a royalty-free, nonexclusive, non-transferable, license subject to the following conditions:
 - a. The Database is only for the non-commercial research use and available to those direct research colleagues who belong to the same research team.
 - b. The Database will not be copied nor distributed in any form other than for backup.
 - c. The Database will only be used for research purposes and will not be used nor included in commercial applications in any form.
 - d. All documents and papers that report on research, that uses the database, will acknowledge the use of database by citing the following paper:
"P. Birajadar, M. Haria, S. Gupta, B. Singh, V. Gadre, Towards Smartphone Based Touchless Fingerprint Recognition, submitted to Sadhana, Indian Academy of Engineering Sciences, Springer."

I hereby accept to adhere by the terms and conditions of this license agreement.

Name (in capitals), title and signature of authorized institutional representative

Organization and address (in capitals)

Name, email and signature of the contact person

Date

Contact Related to Database:

1. Parmeshwar Birajadar (parmeshwar.birajdar@ves.ac.in)
2. Meet Haria (hariameet27@gmail.com)