

Fingerprint Biometric for Internet of Things

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Abstract: *IoT security is crucial, because the larger number of Internet-of-Things (IoT) devices that require interaction between smart devices and customers. Biometrics presents an intriguing window of opportunity for improving IoT usability and security, and can play a critical role in securing a wide range of developing IoT devices to address security challenges. The goal of this study is to provide a complete overview of current biometrics research in IoT security, with a particular focus on authentication.*

Keywords: Biometrics, Fingerprint, Iot, Security, Authentication

REFERENCES

- [1]. Deogirakar, J., Vidhate, A. Security attacks in IoT: A survey. In Proceedings of the 2017 International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Palladam, India, 10–11 February 2017.
- [2]. ABI Research Forecasts 95% of Smartphones to Feature Fingerprint Sensors by 2022. Website-<http://www.biometricupdate.com/201705/abi-research-forecasts-95-of-smartphones-to-feature-fingerprint-sensors-by-2022> (accessed on 1 July 2021).
- [3]. Devikar, P.; Krishnamoorthy, A.; Bhanage, A.; Chauhan, M.S. IoT based biometric attendance system. Int. J. Adv. Res. Comput. Commun. Eng. 2016.
- [4]. Shad, D.; Bharadi, V. IoT based biometrics implementation on Raspberry Pi. Procedia Comput. Sci. 2016.
- [5]. Gurunath, R.; Agarwal, M.; Nandi, A.; Samanta, D. An overview: Security issue in IoT network. In Proceedings of the 2nd International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Tirunelveli, India, 29–30 October 2020.