

# A Literature Review on Multimodal Biometrics

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**Abstract:** *A Biometric system which relies on a single biometric identifier in making a personal identification is often not able to meet the desired performance requirements. Unimodal biometric systems have evolved from many years. But Unimodal biometric system performance has various problems such as noisy data, intra-class variations, confined degrees of freedom, non-uniformity, spoof attacks, uniqueness, diverseness, environmental, physical health, if biometric data is stolen it cannot be changed and hence causing serious security threat etc. so multimodal biometric system has been used to overcome limitations of single (Unimodal) biometrics system. Unimodal biometric systems do not have High security. Iris and fingerprint biometrics are more simple, accurate, and reliable as compared to other available traits [11]. Moreover, fusion of iris and fingerprint is more reliable than fusion of each one with another biometric like face [12].*

**Keywords:** Multimodal Biometrics, fusion, face, iris, fingerprint, review

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