

1

[1]

62076166 56 2021.1-2024.12

[2]

61806208

2019.1-2021.12 26

[3]

2021.1-2022.12

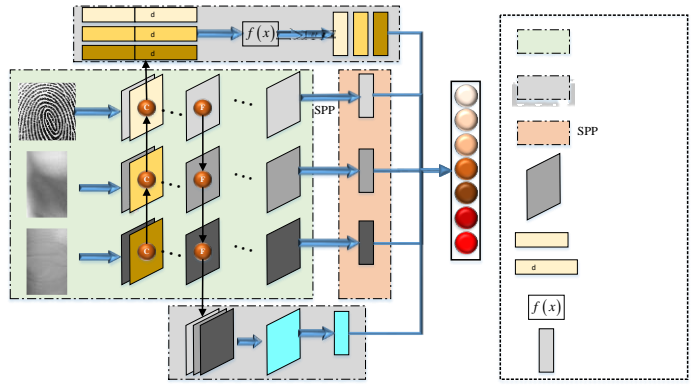
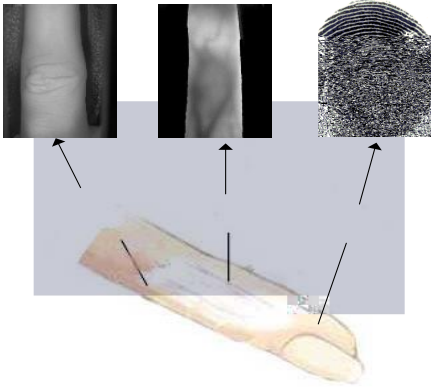
20

Biometrics

Fingerprint, FP

Finger Knuckle Print FKP

Finger Vein, FV



2

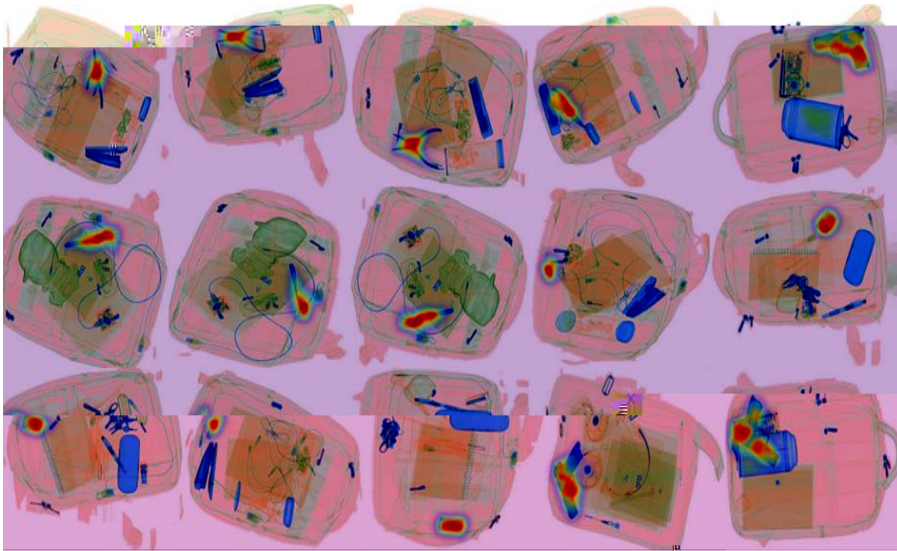
X

X

X

X

X



1

2

python C++

3