

## 1. Fingerprint Specification

No	Specification	Value
1	Image Specification	ISO 19794-4:2011 Annex B2
2	Minimum Resolution	>= 500 native DPI.
3	Minimum Active Platen Area or Capture area*	>=0.5 x 0.65 inches*
4	Greyscale Density	8 bits (256 gray levels)
5	Image Format	JPEG 2000 Lossy or WSQ
6	Compression Ratio	Up to 15:1
7	Quality Score	NFIQ v1.0
8	Capture Mode	Auto Capture
9	Preview	Not Applicable
10	ESD	>= 8kv
11	EMC Compliance	FCC class A or equivalent
12	Operating Temperature*	0 to 50 °C
13	FTM**	SBI 2.0 - FTM supported security

## 2. Iris Specification

No	Specifications	Value
1	Image Specification	ISO 19794-6:2011 Annex B
2	Minimum Iris Diameter	>=150 pixels
3	Gray Scale Density	8 bits (256 gray levels)
4	Spatial Resolution	>= 50% @ 1Lp/mm
5	Pixel Resolution	>10 pixels/mm
6	Capture Distance	>=10CM
7	Imaging Wavelength	Approximately 700-900 nm

8	Illumination	The eye should be illuminated using infrared or any other source that could produce a high-quality grayscale image
9	Image Format	IMAGE_TYPE_CROPPED_AND_MASKED (K7)
10	Compression	JPEG 2000 Lossy
11	Compression Ratio	Up to 15:1 (>= 3.5 KB)
12	Aspect Ratio	1:01:00 AM
13	Capture Mode	Auto Capture
14	Scan Type	Progressive
15	Preview	Not Applicable
16	EMC compliance	FCC Class A or equivalent
17	Operating Temperature*	0 to °50 C
18	FTM**	SBI 2.0 - FTM supported security

### 3. Face Specification

No	Specification	Value
1	Image Specification	ISO/IEC 19794-5:2011
2	Camera Specification	720p or above
3	Skin Tone	All
4	Image quality	ICAO is not mandatory
5	Image format	JPEG 2000 Lossy
6	Compression Ratio	Up to 15:1
7	EMC compliance	FCC Class A or equivalent
8	Operation Temperature*	0 to 50 °C
9	FTM**	SBI 2.0 - FTM supported security

## Reference

1	MOSIP SBI Specification	<a href="https://docs.mosip.io/1.1.5/biometrics/secure-biometric-interface-specification">https://docs.mosip.io/1.1.5/biometrics/secure-biometric-interface-specification</a>
2	MOSIP Biometric Specification	<a href="https://docs.mosip.io/1.1.5/biometrics/biometric-specification">https://docs.mosip.io/1.1.5/biometrics/biometric-specification</a>