

**CIRCULAR**

**No : I-11011(11)/4/2019-ERS**

**Date : 12/07/2024**

**Sub : Procurement of L1 Biometric Devices in Compliance with UIDAI Guidelines**

As mandated by the Unique Identification Authority of India (UIDAI), it is essential to upgrade our biometric authentication systems from Level 0 (L0) to Level 1 (L1) fingerprint scanners to enhance security and accuracy in biometric transactions. According to the UIDAI directive, all existing L0 fingerprint devices must be replaced with L1 compliant devices. Please refer to the letter No. "HQ-13021/1/2021-Auth-I HQ" enclosed for your reference.

Based on the UIDAI certified biometric devices list dated September 14, 2023, the following L1 RD devices are recommended for procurement, list enclosed:

1. Morpho MSO 1300 E3 RD
2. Mantra MFS110
3. Startek FM220U
4. Secugen Hamster Pro 20
5. Cogent CSD200

These devices are available on the GeM portal, hence procurement can be made directly from the list of UIDAI certified biometric device manufacturers or from the GeM portal, whichever is more convenient and quicker. Please note that the above devices are desktop connecting devices and not tablet models. Currently, tablet models with the specified requirements are not available.

The Sub Offices of Coir Board may procure the devices as detailed below.

1. 2 devices for each of these offices : CCRI, CICT, NCT & DC, REC Thanjavur, RO Kalavoor, RO Pollachi, RO Bangalore, RO Bhubaneswar, RO Rajamundri, RO Sindhudurg
2. 1 device each for all other Sub Offices and SR & SDs of Coir Board

All sub-offices can procure the items using their temporary/revolving funds not exceeding Rs.5,000/- and are advised to put up the bills with due certification and stock entry to the ERS section for settlement within 7 days of purchase. The procurement should be completed within 7 days of the issue of this circular.

This issues with the approval of Chairman Coir Board.

  
Section Officer (ERS)

To  
All Sub-Offices of Coir Board  
All Showrooms & Sales Depots of Coir Board

F. No. HQ-13021/1/2021-Auth-I HQ  
Government of India  
Ministry of Electronics & Information Technology  
Unique Identification Authority of India (UIDAI)  
Authentication and Verification Division

Third Floor, UIDAI Headquarters,  
Bangla Sahib Road, Behind Kali Mandir,  
Gole Market, New Delhi – 110001

Date: 27.01.2023

To

All AUA/KUAs/ASAs

**Sub: Phase out of existing fingerprint L0 Registered Devices from Aadhaar authentication ecosystem.**

Dear Partners,

Please refer: (i) UIDAI letter No. HQ-13021/1/2021-Auth-I HQ dated 25.04.2022 and 31.05.2022  
(ii) Letter No. HQ-13023/1/2020-Auth-I HQ/2084 dated 20.06.2022 and 23.12.2022  
(iii) Letter No. HQ- 13029/1/2021-Auth-I-HQ dated 23.12.2022

In order to enhance the security levels of finger print based authentication transaction, UIDAI takes several security measures from time to time to ensure security of authentication transactions and end to end encryption during the authentication process. In this regard, fingerprint devices being used in Aadhaar authentication ecosystem have been upgraded from the currently used fingerprint L0 RD to the next generation fingerprint L1 RD. First batch of devices have already been certified on 30.10.2022 (website link: <https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html>). The key features of fingerprint L1 Registered Devices (RD) were communicated in details vide letters at reference (i) to all authentication ecosystem partners and also during various Central/State government level workshops organised by UIDAI since notification.

2. Roll out of fingerprint L1 RD

Since at present all fingerprint devices in the authentication ecosystem are of L0 standards, the fingerprint biometric authentication transactions shall for the time being continue both in L0 RD and L1 RD. However, to avoid any disruptions in the system, all the existing deployed fingerprint L0 RD would be phased out of the authentication ecosystem in a gradual manner. To provide sufficient period for this transition, it has been decided that use of all the existing fingerprint L0 RD will be discontinued by 30.06.2024 and thereafter only fingerprint L1 RD will be allowed to perform Aadhaar based authentications. Therefore, all AUA/KUAs may like to procure fingerprint L1 RD for use in their authentication ecosystem.

3. Phase out of fingerprint L0 RD

(a) UIDAI vide letters No. HQ-13023/1/2020-Auth-I HQ/2084 dated 20.06.2022 and 23.12.2022 has issued directions to all AUA/KUAs regarding removal of old and deployed L0 RD. The devices whose STQC certification has not been renewed and on which there were nil or fewer transactions reported have already been hot listed w.e.f 01.01.2023. The devices reporting higher authentication transactions would be hot listed on 31.03.2024.

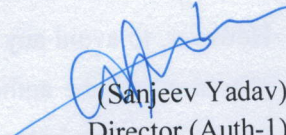
(b) UIDAI vide letter No. HQ- 13029/1/2021-Auth-I-HQ dated 23.12.2022 has also asked all AUA/KUA to identify the L0 registered devices having low authentication success rate (below 30%) or are more than five years old vintage and to remove such devices from the authentication ecosystem in a phased manner.

(c) Timelines for phase out of fingerprint L0 Registered devices are as follows:

Date	Roll out Plan of fingerprint L1 compliant Registered Device	Remarks
31/03/2023	Fingerprint L0 RD deployed before 31.12.2014	AUA/KUA to give self declaration, that no fingerprint L0 RD deployed are of before 31.12.2014
30/06/2023	Fingerprint L0 RD deployed before 31.12.2016	AUA/KUA to give self declaration, that no fingerprint L0 RD deployed are of before 31.12.2016
31/12/2023	Fingerprint L0 RD deployed before 31.12.2019	AUA/KUA to give self declaration, that no fingerprint L0 RD deployed are of before 31.12.2019
30/06/2024	Sunset of fingerprint L0 RD	No authentication transaction will be passed through fingerprint L0 RD

4. As the iris devices are relatively more secure, all the Iris L0 RD will continue to function as present.

5. This issues with the approval of competent authority.

  
(Sanjeev Yadav)  
Director (Auth-1)

Copy for information to:

1. All Secretaries of Government of India Ministries/ Departments
2. All Chief Secretaries of States/UT
3. DG, STQC
4. All DDGs, UIDAI (Head Quarters, Tech Centre, Regional offices)



Government of India

## Unique Identification Authority of India

List of UIDAI Certified Biometric Authentication Fingerprint L1 Registered Devices  
(STQC Issued Valid Public Device Certificate )

S. No.	Device Vendor/Manufacturer	Device Model Name	Device Type	Sensor Type	Operating System	PDC Validity	Contact Details
1	M/s. Smart Chip Pvt. Ltd.	MSO1300E3	Discrete	Optical	i) Windows ii) Android	13.08.2024	Name : Mayank Saxena Email ID : mayank.saxena@idemia.com Mobile : 8527046668
2	M/s. Access Computech Pvt. Ltd	FM220U L1	Discrete	Optical	i) Windows ii) Android	14.03.2025	Name : Ketan Upadhyay Email ID : ketan@acpl.ind.in Mobile : 9327208489
3	M/s. Mantra Softech (India) Pvt Ltd	MFS110	Discrete	Optical	i) Windows ii) Android	02.10.2025	Name : Bhavyen Bhandari Email ID : bhavyen@mantratec.com Mobile : 9227266202
4	M/s. Access Computech Pvt. Ltd	AST300	Discrete	Thermal	i) Windows ii) Android	28.11.2023	Name : Ketan Upadhyay Email ID : ketan@acpl.ind.in Mobile : 9327208489
5	M/s Precision Biometric India Private Limited	PB1000	Discrete	Optical	i) Windows ii) Android	28.11.2023	Name : P.G.KISHORE Email ID : Kishore.Gangadharan@precisionit.co.in Mobile : 9940216800

Note: For more details regarding Sensor and Extractor of device, kindly ask Device Vendor/Manufacturer to furnish the STQC issued Public Device Certificate Copy