

F. No. HQ-16031/1/2021-EU-I-HQ
Unique Identification Authority of India (UIDAI)
(Enrolment and Update I-Division)

7th floor, UIDAI Head Office
Behind Kali Mandir, Bangla Sahib Road
Gole Market, New Delhi – 110 001
Dated 1st July 2024


Office Memorandum no. 2 of 2024

Subject: Revised specifications of Mobile & Tablet based Child Enrolment Lite Client (CELC) - reg.

In order to cope with the technological advancements at hardware and software level and in accordance with UIDAI's security policies, competent authority has approved the revised specifications of Child Enrolment Lite Client (CELC).

2. System Integrators (SIs) and vendors are required to get the Mobile & Tablet based CELC kit along with single Fingerprint/Iris scanner devices, tested at UIDAI Regional Offices/Tech Centre for interoperability with the latest UIDAI's CELC application.
3. Regional Offices shall inform the Registrars to procure Mobile/Tablet/ Biometric device as per the latest specifications. Registrars can procure devices with higher/upgraded specification based on the local requirement and availability through GeM portal.
4. The revised specifications (enclosed), supersedes the existing CELC specifications issued vide Circular No. 4(4)/57/50/2011-Vol II dated 04.02.2021 and HQ-16031/1/2021-EU-I-HQ dated 17.12.2021.
5. This is issue with the approval of competent authority.

Encl.: as above


(Prabhakaran C R)
Dy. Director (E&U-I)

To:

1. All UIDAI Regional Offices and Tech Centre
2. All Registrars /EA.
3. All System Integrators/OEMs
4. Guard file

SPECIFICATION FOR MOBILE & TABLET based on CHILD ENROLMENT LITE CLIENT (CELC)

S. No.	Name/Description	Mobile Specifications	Mobile Properties	Tablet Specifications	Tablet Properties
1	Screen	Minimum 5.5" touch screen	Mandatory	Minimum 7" touch screen	Mandatory
2	Screen Resolution	1280x720 or higher	Mandatory	1280x720 or higher	Mandatory
3	Colors Supported	16 Million	Mandatory	16 Million	Mandatory
4	Scratch resistant front screen	Yes. Corning Gorilla Glass 5 preferred	Mandatory	Gorilla Glass	Mandatory
5	Processor speed minimum	2 GHz or higher, 64 bit architecture	Mandatory	2 GHz or higher, 64 bit architecture	Mandatory
6	RAM	4GB or Higher	Mandatory	4GB or Higher	Mandatory
7	Internal Storage	32GB or Higher	Mandatory	32GB or Higher	Mandatory
8	Expandable Storage through micro SD	64 GB or higher	Mandatory	64 GB or higher	Optional
9	GSM SIM card slot	Yes	Mandatory	Yes	Mandatory
10	Rear Camera with auto focus	8 M Pixel or higher	Mandatory	8 M Pixel or higher	Mandatory
11	Front Camera	5 M Pixel or higher	Mandatory	5 M Pixel or higher	Mandatory
12	Camera with LED flash	Yes	Mandatory	Yes	Mandatory
13	Micro USB Port/Type C Port	1	Mandatory	1	Mandatory
14	Support for USB OTG	Yes	Mandatory	Yes	Mandatory
15	Micro USB/Type C host cable	Yes	Mandatory	Yes	Mandatory
16	Connectivity	Wi-Fi IEEE 802.11 b/g/n/ac	Mandatory	Wi-Fi IEEE 802.11 b/g/n/ac	Mandatory

17	GPS & AGPS or NavIC facility for capturing the location coordinates	Yes	Mandatory	Yes	Mandatory
18	Additional Charging port	Yes	Optional	Yes	Optional
19	Mobile Data Support	Minimum compliance to 4G LTE or above standards	Mandatory	Minimum compliance to 4G LTE or above standards	Mandatory
20	Battery Capacity	Minimum 5000 mAH	Mandatory	Minimum 5000 mAH	Mandatory
21	Battery Backup Time	Minimum 8 hours	Mandatory	Minimum 8 hours	Mandatory
22	Software Requirements for development support	Android 11.0 or above	Mandatory	Android 11.0 or above	Mandatory
23	SAR Value	Within acceptable limits permitted in India	Mandatory	Within acceptable limits permitted in India	Mandatory
24	Certifications Available	BIS, or any other relevant Indian Certificates	Mandatory	BIS, or any other relevant Indian Certificates	Mandatory
25	Certifications Available	UL	Optional	UL	Optional
26	BIS Registration under CRS of Meity	Yes	Mandatory	Yes	Mandatory

Note: Mobile/Tablets should not be made in China.

Single Finger Print Scanner Registered Device (RD)

II. Group	Name/Description	Specifications	Properties
1	Single Finger Print Scanner Registered Device (L1 Compliant)	Yes	Mandatory
2	Single Finger Print Scanner Registered Device for Aadhaar Authentication with STQC UIDAI certified RD Service	Yes	Mandatory
3	STQC Certified (STQC Certificate for the Registered device must be submitted)	Yes	Mandatory
4	STQC Certificate Number & its validity(L1 compliant)	Yes	Mandatory
5	Connector Cable to connect the Device to Micro USB/Type C Port	Yes	Mandatory
6	Finger Print Device Connectivity	Through Integrated USB 2.0 or higher	Mandatory
7	Finger Print Device Power	Through USB	Mandatory
8	Sample application for Android platform to test sensor/extractor	Yes	Mandatory
Note: (Refer approved Single Finger Print Scanner Registered Device on URL https://uidai.gov.in/images/resource/L1_RD_Devices.pdf)			

Single Iris Scanner RD device

Note: (Refer approved **Single Iris Scanner RD devices** on URL

[https://uidai.gov.in/images/resource/List of UIDAI certified Iris device vendors 01 04 2023.pdf](https://uidai.gov.in/images/resource/List_of_UIDAI_certified_Iris_device_vendors_01_04_2023.pdf))