



GripID Commands

FAP30

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Version 0.0.1 2025

support@gripid.eu

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2. Capture

Field	Details
Operation Name	Capture
Description	Dual fingerprints and Face capture
Command Input to app	<code>{"mode": "capture"}</code>
Status Output from app	<code>{"type": "status", "mode": "capture", "message": Status Message}</code>
Success Output from app	<code>{"type": "success", "mode": "capture", "message": [{ "image": "ImageWithKeyBase64", "name": "Left_Index", "fingerPosition": 7, "id": id }, { "image": ImageWithKeyBase64 , "name": "Right_Index", "fingerPosition": 2, "id": id }, { "image": ImageWithKeyBase64, "name": "Face_Capture", "fingerPosition": -1, "id": id }]}</code>

Failure Output from app	<code>{"type":"error","mode":"capture","message":Error Message}</code>
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3. Face Capture

Field	Details
Operation Name	Face Capture
Description	To capture an image of a face
Command Input to app	<code>{"mode":"faceCapture"}</code>
Status Output from app	<code>{"type":"status","mode":"faceCapture","message":Status Message}</code>
Success Output from app	<code>{"type":"success","mode":"faceCapture","message":{{"image":ImageWithKeyBase64,"name":"Face_Capture","fingerPosition":-1,"id":id}}}</code>
Failure Output from app	<code>{"type":"error","mode":"faceCapture","message":Error Message}</code>

4. Single Fingerprint Capture

Field	Details
Operation Name	Single Fingerprint Capture
Description	To capture a single fingerprint

	RIGHT_THUMB - 1 RIGHT_INDEX_FINGER - 2 RIGHT_MIDDLE_FINGER - 3 RIGHT_RING_FINGER - 4 RIGHT_LITTLE_FINGER - 5 LEFT_THUMB - 6 LEFT_INDEX_FINGER - 7 LEFT_MIDDLE_FINGER - 8 LEFT_RING_FINGER - 9 LEFT_LITTLE_FINGER - 10
Command Input to app	{"mode":"singleFingerScan","message":fingerIndex}
Status Output from app	{"type":"status","mode":"singleFingerScan","message":Status Message}
Success Output from app	{"type":"success","mode":"singleFingerScan","message": [{"image":ImageWithKeyBase64,"name":"Unknown_Finger", "fingerPosition":0,"id":id}]}
Failure Output from app	{"type":"error","mode":"singleFingerScan","message":Error Message}

5. Dual Fingerprints Scan

Field	Details
Operation Name	Dual Index Fingerprints Scan
Description	To capture left index and right index fingerprints

Command Input to app	<code>{"mode":"dualIndexFingersScan"}</code>
Status Output from app	<code>{"type":"status","mode":"dualIndexFingersScan","message":Status Message}</code>
Success Output from app	<code>{"type":"success","mode":"dualIndexFingersScan","message": [{"image":ImageWithKeyBase64,"name": "Left_Index","fingerPosition":7,"id":id}, {"image":ImageWithKeyBase64,"name":"Right_Index", "fingerPosition":2,"id":id}]}</code>
Failure Output from app	<code>{"type":"error","mode":"dualIndexFingersScan","message":Error Message}</code>

6. Display Message

Field	Details
Operation Name	Display Message
Description	displays the “message” text on screen using the specified “color” and “font”
Command Input to app	<code>{"mode":"displayMessage","message":{"message":"Message to be displayed","color":"#123456","font":20,"id":ID}}</code>

7. Search Result

Field	Details
Operation Name	Search result
Description	displays the “message” text on screen using the specified “color” and “font”, and updates the “identifier” transaction in the Database menu

	with the “message” result (either HIT, NO HIT or ERROR), and in case of HIT with the “portrait” image. "status" : Indicates the status of the message It can be "hit", "no_hit", "error"
Command Input to app	<pre>{"mode":"searchResult","message":{"message":"Hit or No Hit","status":"hit","color":"#123456","font":20,"id":ID,"portrait":"Base64 of portrait image","identifier":"","additionalInfo":["",""]}}</pre>

8. Device Info

Field	Details
Operation Name	Device Info
Description	To get Device Info
Command Input to app	<pre>{"mode":"deviceInfo"}</pre>
Success Output from app	<pre>{"type":"success","mode":"deviceInfo","message":{"deviceId":"58:DB:09:15:6C:40","version":"GripIDFAP30.2408021925.001 test-keys","manufacturer":"GripID","appVersion":"0.0.15"}}</pre>

9. Buzzer

Field	Details
Operation Name	Buzzer
Description	Different Buzzer formats to be sent in the "message" parameter: "short_2" "long_2" "short_3"

	• "long_3" • "very_long_1"
Command Input to app	{"mode":"buzzer", "message" : "short_2"}

10.Custom Fingerprints

Field	Details
Operation Name	Custom Fingerprints scan
Description	To capture a set of fingerprints sent in the command RIGHT_THUMB - 1 RIGHT_INDEX_FINGER - 2 RIGHT_MIDDLE_FINGER - 3 RIGHT_RING_FINGER - 4 RIGHT_LITTLE_FINGER - 5 LEFT_THUMB - 6 LEFT_INDEX_FINGER - 7 LEFT_MIDDLE_FINGER - 8 LEFT_RING_FINGER - 9 LEFT_LITTLE_FINGER - 10
Command Input to app	{"mode":"customFingersScan", "message":[1,2,3]}

Status Output from app	<code>{"type":"status","mode":"customFingersScan","message":Status Message}</code>
Success Output from app	<code>{"type":"success","mode":"customFingersScan","message":[{"image":ImageWithKeyBase64,"name":"Right_Thumb","fingerPosition":1,"id":id}, {"image":ImageWithKeyBase64,"name":"Right_Index","fingerPosition":2,"id":id}, {"image":ImageWithKeyBase64,"name":"Right_Middle","fingerPosition":3,"id":id}]}</code>
Failure Output from app	<code>{"type":"error","mode":"customFingersScan","message":Error Message}</code>