

# Error code table

## Drive

Error code	Macro definition	Description
0	ERR_OK	Success
1	ERR_FAIL	Operation failed
2	ERR_CMD	Command error
3	ERR_PARA	Parameter error
10	ERR_IOSEND	IO communication fails to send data packets
11	ERR_IORECV	IO communication fails to receive data packets
12	ERR_HEAD_FLAG	Header-of-packet error
13	ERR_END_FLAG	End-of-packet error
14	ERR_CRC	Data check error
15	ERR_DATA_LEN	Data length error
16	ERR_IMG_WIDTH	Image width error
17	ERR_IMG_HEIGHT	Image height error
18	ERR_MEMORY_OVER	Memory overflow
19	ERR_KEY_LEN	Symmetric encryption and decryption key length is not 32 bytes
20	ERR_ENDDATA_LEN	Symmetrically encrypted data length is not an integer multiple of 16 bytes
21	ERR_DEV_MODE	Mode error, can't upload pictures
22	ERR_PACKAGE_STATUS	Package status error
23	ERR_BASE64_ENCODE	Base64 encoding error
24	ERR_X509	X509 certificate error
25	ERR_PUBKEY_ENCRYPT	RSA public key encryption error
30	ERR_RESIDUAL_FINGER	Fingerprint residue
31	ERR_FINGER_NUM	The number of fingerprints is out of range

32	ERR_FINGER_TYPE	Wrong fingerprint type
33	ERR_FINGER_TIMEOUT	Fingerprint collection timed out
34	ERR_CAPTURE_FP	Failed to acquire image
35	ERR_DIGEST	Summary error
36	ERR_SESSIONKEY	Failed to generate session key
37	ERR_AESGCM	AES/GCM encryption failed
38	ERR_CANCEL	Cancel the operation
39	ERR_MODEL	Mode error
40	ERR_IMAGE_FAIL	Failed to read image
41	ERR_TIME_OUT	Command timed out
42	ERR_NO_SESSION_KEY	No communication session key
43	ERR_MATCH_FAIL	Match failed
44	ERR_GEN_TZ_FAIL	Failed to generate feature
60	ERR_NO_FINGER	no fingers
61	ERR_BAD_QUALITY	The fingerprint image quality is not good
70	ERR_MERGE_MB_FAIL	Failed to synthesize template
71	ERR_SEARCH_FAIL	Search failed
72	ERR_INVALID_BUFFER_ID	Incorrect Buffer ID value
73	ERR_INVALID_TMPL_ID	invalid template id
74	ERR_TMPL_NOT_EMPTY	A template already exists at the specified number
75	ERR_TMPL_EMPTY	No template exists at the specified number
76	ERR_DUPLICATION_ID	The fingerprint is already registered
77	ERR_NO_ID_AVAILABLE	No free template ID
90	ERR_FLASH	FLASH error

## JustouchFingerAPI

Error code	Macro definition	Description
0	ERR_OK	Success

-100000	ERR_INIT_FAILED	Initialization failed
-100001	ERR_NO_INIT	Uninitialized
-100002	ERR_EXPIRED	Authorization expired
-100003	ERR_LICENSE_SIZE_INVALID	Incorrect authorization code length
-100004	ERR_NO_LICENSE_FILE	Authorization file not found
-100005	ERR_LICENSE_VERITY_FAILED	Authorization code verification failed
-100006	ERR_IMAGE_CHECK_FAILED	Image check failed
-100007	ERR_IMAGE_DATA_INVALID	Illegal image data format
-100008	ERR_IMAGE_SIZE_INVALID	Illegal image size
-100009	ERR_MEMORY_FAILED	Memory request failed
-100010	ERR_EXTRACT_FAILED	Fingerprint feature extraction failed
-100011	ERR_MATCH_FAILED	Fingerprint feature comparison failed
-100012	ERR_COMPRESS_FAILED	Image compression failed
-100013	ERR_DECOMPRESS_FAILED	Image decompression failed
-100014	ERR_GEN_IMAGE_CHECK_CODE	Failed to generate image check code
-100015	ERR_PARAMETER_INVALID	Invalid parameter
-100016	ERR_QUALITY_FAILED	Failed to get image quality
-100017	ERR_DEVICE_SN_LENGTH	Device SN exception
-100018	ERR_DEVICE_ID_LENGTH	Device ID exception
-100019	ERR_BLUEBOOTH_ADDR_LENGTH	Bluetooth address exception
-100020	ERR_SAVE_FILE	Save file error
-411001	ERROR_ALG_MINUTIAE	ERROR ALG MINUTIAE
-411002	ERROR_ALG_SEARCH	ERROR ALG SEARCH
-411000	ERROR_RESULT	ERROR RESULT
-410001	ERROR_LIC_ID	Unable to encode IMEI, SN
-410002	ERROR_LIC_FAIL	Failed to get authorization file
-410003	ERROR_LIC_STORAGE	Failed to read or write authorization file
-410004	ERROR_LIC_NET	Network exception, unable to connect to the server
-410005	ERR_ANDROID_Q	Android 10 not supported
-410006	ERR_ANDROID_PERMISSION	Unauthorized permission

-410007	ERROR_LIC_SERVER_BASE	The connection is normal, but the authorization server is abnormal
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## FingerApi

Error code	Macro definition	Description
0	SUCCESS_CODE	Success
-524001	SDK_NOT_INITIALIZED	SDK NOT INITIALIZED
-524002	DEVICE_NOT_CONNECTED	DEVICE NOT CONNECTED
-524003	READ_OR_WRITE_TIMEOUT	READ OR WRITE TIMEOUT
-524004	ACQUISITION_TIMEOUT	ACQUISITION TIMEOUT
-524005	NO_DEVICE	NO DEVICE
-524006	NO_PERMISSION	NO PERMISSION
-524007	FAILED_TO_WRITE_OR_READ_DATA	FAILED TO WRITE OR READ DATA
-524008	FAILED_TO_WRITE_DATA	FAILED TO WRITE DATA
-524009	FAILED_TO_READ_DATA	FAILED TO READ DATA
-524010	CSW_FORMAT_ERROR	CSW FORMAT ERROR
-524011	SCSI_COMMAND_EXECUTION_FAILED	SCSI COMMAND EXECUTION FAILED
-524012	SCSI_ERROR_NEED_RE	SCSI ERROR OCCURS AND NEEDS TO BE RESET
-524013	INSTRUCTION_EXECUTION_EXCEPTION	INSTRUCTION EXECUTION EXCEPTION
-524014	MOD_TEMPLATE_FORMAT_ERROR	MOD TEMPLATE FORMAT ERROR
-524015	LATENT_INITIALIZATION_EXCEPTION	LATENT INITIALIZATION EXCEPTION
-524016	LATENT_EXCEPTION	LATENT EXCEPTION
-524017	NFIQ_EXCEPTION	NFIQ EXCEPTION
-524018	LFD_INITIALIZATION_EXCEPTION	LFD INITIALIZATION EXCEPTION
-524019	LFD_EXCEPTION	LFD EXCEPTION
-524020	AREA_EXCEPTION	AREA EXCEPTION
-524021	X509_EXCEPTION	X509 EXCEPTION
-524022	RSA_PUBLIC_KEY_ENCRYPTION_FAILED	RSA PUBLIC KEY ENCRYPTION FAILED
-524023	BASE64_DECODE_FAILED	BASE64 DECODE FAILED
-524024	RSA_ENCRYPT_FAILED	RSA ENCRYPT FAILED
-524025	DES_ENCRYPT_FAILED	DES ENCRYPT FAILED
-524026	DES_DECRYPT_FAILED	DES DECRYPT FAILED
-524027	AES_INIT_FAILED	AES INIT FAILED
-524028	AES_ENCRYPT_FAILED	AES ENCRYPT FAILED
-524029	AES_DECRYPT_FAILED	AES DECRYPT FAILED
-524030	PARAMETER_ERROR	PARAMETER ERROR