

# Canon Error Codes

## Problem

Using a Canon camera I receive an error code. What is it?

Issue might be your camera was disconnected while the software was communicating with the camera and this is now causing a communication error.

Feel free to try:

1. Shut down software
2. Disconnect camera from USB
3. Turn off camera
4. Remove battery (leave battery out of camera for 5 seconds)
5. Re-plug in battery, power back on camera and connect via USB
6. Launch software and enable 'Live View'

## Solution

Here are the Canon Error Codes, listed as HEX numbers. The error code you receive from Shutter Stream needs to be converted into a HEX number first. This is most easily done using the Windows / Mac Calculator program.

First, select DEC and enter the decimal number you receive from Shutter Stream. Then click on HEX and the number will be converted to a HEX number. Use that HEX number to look up the Canon error code from the list below.

(Note: In time, we're also adding the conversion to decimal numbers here, so try searching for the decimal number too. You might get a hit.)

| Common Cannon Error Codes |                        |  |
|---------------------------|------------------------|--|
| Error Code                | Meaning                | Potential Solutions  |
| 36105                     | Failed to take picture | Make sure the camera is NOT in video mode. Switch to camera shooting mode.   |
| 36103                     | SD card failure        | You can try cleaning up your SD card (empty it) or remove it completely. Unplug camera from computer USB port, turn camera OFF, take out the battery (for about 10 seconds), replug the battery back in. |

```
/*
*****
Definition of error Codes
*****
/*-----
ED-SDK Error Code Masks
-----*/
#define EDS_ISSPECIFIC_MASK 0x8000000L
#define EDS_COMPONENTID_MASK 0x7F00000L
#define EDS_RESERVED_MASK 0x00FF000L
#define EDS_ERRORID_MASK 0x0000FFFFL

/*-----
ED-SDK Base Component IDs
-----*/
#define EDS_CMP_ID_CLIENT_COMPONENTID 0x0100000L
#define EDS_CMP_ID_LLSDK_COMPONENTID 0x0200000L
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#define EDS_CMP_ID_HLSDK_COMPONENTID 0x03000000L

/*-----
ED-SDK Functin Success Code
-----*/
#define EDS_ERR_OK 0x00000000L

/*-----
ED-SDK Generic Error IDs
-----*/

/* Miscellaneous errors */
#define EDS_ERR_UNIMPLEMENTED 0x00000001L
#define EDS_ERR_INTERNAL_ERROR 0x00000002L
#define EDS_ERR_MEM_ALLOC_FAILED 0x00000003L
#define EDS_ERR_MEM_FREE_FAILED 0x00000004L
#define EDS_ERR_OPERATION_CANCELLED 0x00000005L
#define EDS_ERR_INCOMPATIBLE_VERSION 0x00000006L
#define EDS_ERR_NOT_SUPPORTED 0x00000007L
#define EDS_ERR_UNEXPECTED_EXCEPTION 0x00000008L
#define EDS_ERR_PROTECTION_VIOLATION 0x00000009L
#define EDS_ERR_MISSING_SUBCOMPONENT 0x0000000AL
#define EDS_ERR_SELECTION_UNAVAILABLE 0x0000000BL

/* File errors */
#define EDS_ERR_FILE_IO_ERROR 0x00000020L
#define EDS_ERR_FILE_TOO_MANY_OPEN 0x00000021L
#define EDS_ERR_FILE_NOT_FOUND 0x00000022L
#define EDS_ERR_FILE_OPEN_ERROR 0x00000023L
#define EDS_ERR_FILE_CLOSE_ERROR 0x00000024L
#define EDS_ERR_FILE_SEEK_ERROR 0x00000025L
#define EDS_ERR_FILE_TELL_ERROR 0x00000026L
#define EDS_ERR_FILE_READ_ERROR 0x00000027L
#define EDS_ERR_FILE_WRITE_ERROR 0x00000028L
#define EDS_ERR_FILE_PERMISSION_ERROR 0x00000029L
#define EDS_ERR_FILE_DISK_FULL_ERROR 0x0000002AL
#define EDS_ERR_FILE_ALREADY_EXISTS 0x0000002BL
#define EDS_ERR_FILE_FORMAT_UNRECOGNIZED 0x0000002CL
#define EDS_ERR_FILE_DATA_CORRUPT 0x0000002DL
#define EDS_ERR_FILE_NAMING_NA 0x0000002EL

/* Directory errors */
#define EDS_ERR_DIR_NOT_FOUND 0x00000040L
#define EDS_ERR_DIR_IO_ERROR 0x00000041L
#define EDS_ERR_DIR_ENTRY_NOT_FOUND 0x00000042L

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#define EDS_ERR_DIR_ENTRY_EXISTS 0x00000043L
#define EDS_ERR_DIR_NOT_EMPTY 0x00000044L

/* Property errors */
#define EDS_ERR_PROPERTIES_UNAVAILABLE 0x00000050L
#define EDS_ERR_PROPERTIES_MISMATCH 0x00000051L
#define EDS_ERR_PROPERTIES_NOT_LOADED 0x00000053L

/* Function Parameter errors */
#define EDS_ERR_INVALID_PARAMETER 0x00000060L
#define EDS_ERR_INVALID_HANDLE 0x00000061L
#define EDS_ERR_INVALID_POINTER 0x00000062L
#define EDS_ERR_INVALID_INDEX 0x00000063L
#define EDS_ERR_INVALID_LENGTH 0x00000064L
#define EDS_ERR_INVALID_FN_POINTER 0x00000065L
#define EDS_ERR_INVALID_SORT_FN 0x00000066L

/* Device errors */
#define EDS_ERR_DEVICE_NOT_FOUND 0x00000080L
#define EDS_ERR_DEVICE_BUSY 0x00000081L
#define EDS_ERR_DEVICE_INVALID 0x00000082L
#define EDS_ERR_DEVICE_EMERGENCY 0x00000083L
#define EDS_ERR_DEVICE_MEMORY_FULL 0x00000084L
#define EDS_ERR_DEVICE_INTERNAL_ERROR 0x00000085L
#define EDS_ERR_DEVICE_INVALID_PARAMETER 0x00000086L
#define EDS_ERR_DEVICE_NO_DISK 0x00000087L
#define EDS_ERR_DEVICE_DISK_ERROR 0x00000088L
#define EDS_ERR_DEVICE_CF_GATE_CHANGED 0x00000089L
#define EDS_ERR_DEVICE_DIAL_CHANGED 0x0000008AL
#define EDS_ERR_DEVICE_NOT_INSTALLED 0x0000008BL
#define EDS_ERR_DEVICE_STAY_AWAKE 0x0000008CL
#define EDS_ERR_DEVICE_NOT_RELEASED 0x0000008DL

/* Stream errors */
#define EDS_ERR_STREAM_IO_ERROR 0x000000A0L
#define EDS_ERR_STREAM_NOT_OPEN 0x000000A1L
#define EDS_ERR_STREAM_ALREADY_OPEN 0x000000A2L
#define EDS_ERR_STREAM_OPEN_ERROR 0x000000A3L
#define EDS_ERR_STREAM_CLOSE_ERROR 0x000000A4L
#define EDS_ERR_STREAM_SEEK_ERROR 0x000000A5L
#define EDS_ERR_STREAM_TELL_ERROR 0x000000A6L
#define EDS_ERR_STREAM_READ_ERROR 0x000000A7L
#define EDS_ERR_STREAM_WRITE_ERROR 0x000000A8L
#define EDS_ERR_STREAM_PERMISSION_ERROR 0x000000A9L
```

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#define EDS_ERR_STREAM_COULDNT_BEGIN_THREAD 0x000000AAL
#define EDS_ERR_STREAM_BAD_OPTIONS 0x000000ABL
#define EDS_ERR_STREAM_END_OF_STREAM 0x000000ACL

/* Communications errors */
#define EDS_ERR_COMM_PORT_IS_IN_USE 0x000000C0L
#define EDS_ERR_COMM_DISCONNECTED 0x000000C1L
#define EDS_ERR_COMM_DEVICE_INCOMPATIBLE 0x000000C2L
#define EDS_ERR_COMM_BUFFER_FULL 0x000000C3L
#define EDS_ERR_COMM_USB_BUS_ERR 0x000000C4L

/* Lock/Unlock */
#define EDS_ERR_USB_DEVICE_LOCK_ERROR 0x000000D0L
#define EDS_ERR_USB_DEVICE_UNLOCK_ERROR 0x000000D1L

/* STI/WIA */
#define EDS_ERR_STI_UNKNOWN_ERROR 0x000000E0L
#define EDS_ERR_STI_INTERNAL_ERROR 0x000000E1L
#define EDS_ERR_STI_DEVICE_CREATE_ERROR 0x000000E2L
#define EDS_ERR_STI_DEVICE_RELEASE_ERROR 0x000000E3L
#define EDS_ERR_DEVICE_NOT_LAUNCHED 0x000000E4L

#define EDS_ERR_ENUM_NA 0x000000F0L
#define EDS_ERR_INVALID_FN_CALL 0x000000F1L
#define EDS_ERR_HANDLE_NOT_FOUND 0x000000F2L
#define EDS_ERR_INVALID_ID 0x000000F3L
#define EDS_ERR_WAIT_TIMEOUT_ERROR 0x000000F4L

/* PTP */
#define EDS_ERR_SESSION_NOT_OPEN 0x00002003
#define EDS_ERR_INVALID_TRANSACTIONID 0x00002004
#define EDS_ERR_INCOMPLETE_TRANSFER 0x00002007
#define EDS_ERR_INVALID_STRAGEID 0x00002008
#define EDS_ERR_DEVICEPROP_NOT_SUPPORTED 0x0000200A
#define EDS_ERR_INVALID_OBJECTFORMATCODE 0x0000200B
#define EDS_ERR_SELF_TEST_FAILED 0x00002011
#define EDS_ERR_PARTIAL_DELETION 0x00002012
#define EDS_ERR_SPECIFICATION_BY_FORMAT_UNSUPPORTED 0x00002014
#define EDS_ERR_NO_VALID_OBJECTINFO 0x00002015
#define EDS_ERR_INVALID_CODE_FORMAT 0x00002016
#define EDS_ERR_UNKNOWN_VENDOR_CODE 0x00002017
#define EDS_ERR_CAPTURE_ALREADY_TERMINATED 0x00002018
#define EDS_ERR_INVALID_PARENTOBJECT 0x0000201A
#define EDS_ERR_INVALID_DEVICEPROP_FORMAT 0x0000201B
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#define EDS_ERR_INVALID_DEVICEPROP_VALUE 0x0000201C
#define EDS_ERR_SESSION_ALREADY_OPEN 0x0000201E
#define EDS_ERR_TRANSACTION_CANCELLED 0x0000201F
#define EDS_ERR_SPECIFICATION_OF_DESTINATION_UNSUPPORTED 0x00002020
#define EDS_ERR_NOT_CAMERA_SUPPORT_SDK_VERSION 0x00002021

/* PTP Vendor */
#define EDS_ERR_UNKNOWN_COMMAND 0x0000A001
#define EDS_ERR_OPERATION_REFUSED 0x0000A005
#define EDS_ERR_LENS_COVER_CLOSE 0x0000A006
#define EDS_ERR_LOW_BATTERY 0x0000A101
#define EDS_ERR_OBJECT_NOTREADY 0x0000A102
#define EDS_ERR_CANNOT_MAKE_OBJECT 0x0000A104
#define EDS_ERR_MEMORYSTATUS_NOTREADY 0x0000A106

/* Take Picture errors */
#define EDS_ERR_TAKE_PICTURE_AF_NG 0x00008D01L
#define EDS_ERR_TAKE_PICTURE_RESERVED 0x00008D02L
#define EDS_ERR_TAKE_PICTURE_MIRROR_UP_NG 0x00008D03L
#define EDS_ERR_TAKE_PICTURE_SENSOR_CLEANING_NG 0x00008D04L
#define EDS_ERR_TAKE_PICTURE_SILENCE_NG 0x00008D05L
#define EDS_ERR_TAKE_PICTURE_NO_CARD_NG 0x00008D06L

#define EDS_ERR_TAKE_PICTURE_CARD_NG0x00008D07L (ShutterStream code: 36103)
Try: You can try cleaning up your SD card (empty it) or remove it completely. Unplug camera from computer USB port, turn camera OFF, take out the
battery (for about 10 seconds), replug the battery back in.

#define EDS_ERR_TAKE_PICTURE_CARD_PROTECT_NG 0x00008D08L
#define EDS_ERR_TAKE_PICTURE_MOVIE_CROP_NG 0x00008D09L
#define EDS_ERR_TAKE_PICTURE_STROBO_CHARGE_NG 0x00008D0AL
#define EDS_ERR_TAKE_PICTURE_NO_LENS_NG 0x00008D0BL
#define EDS_ERR_TAKE_PICTURE_SPECIAL_MOVIE_MODE_NG 0x00008D0CL
#define EDS_ERR_TAKE_PICTURE_LV_REL_PROHIBIT_MODE_NG 0x00008D0DL
#define EDS_ERR_LAST_GENERIC_ERROR_PLUS_ONE 0x000000F5L

```

#### Related articles

- [Error Code 129](#)
- [Compatible Camera Settings](#)
- [Nikon Error Codes](#)
- [How to Disable Third Party Utilities From Startup](#)
- [Canon Camera Control](#)
- [Canon Error Codes](#)
- [Error Code -5, Error Code -4 Or The Turntable Controller Is Not Open](#)
- [Error Code 4294 in Shutter Stream](#)
- [Failed to Start Live View](#)
- [Error Code 152 In Shutter Stream](#)
- [Sierra and Canon Cameras](#)
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