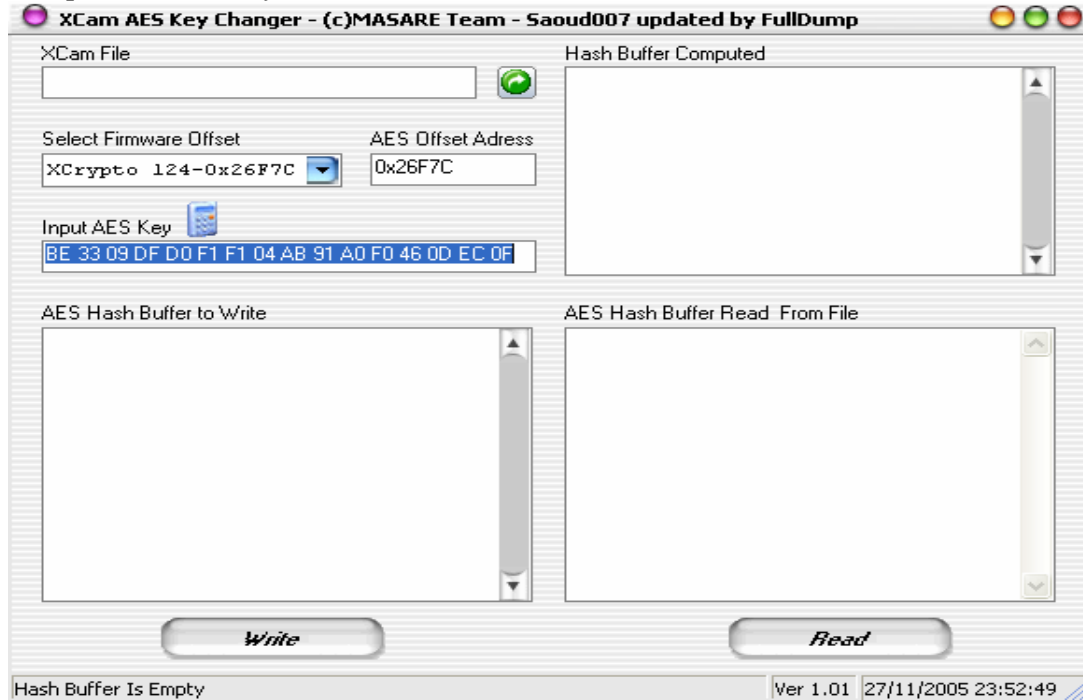


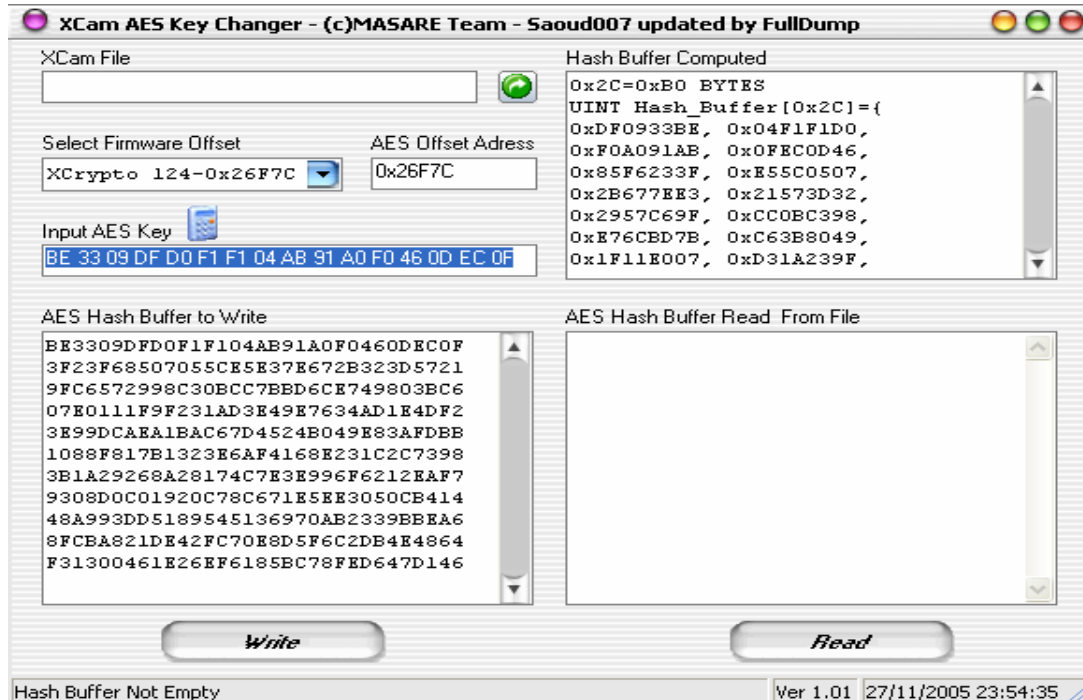
HOW TO : XCAM AES KEYS Changer

1/-Input new AES key



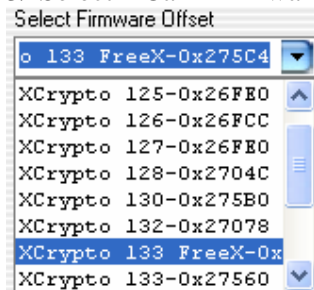
The screenshot shows the XCam AES Key Changer application window. The title bar reads "XCam AES Key Changer - (c)MASARE Team - Saoud007 updated by FullDump". The interface includes a text field for "XCam File" with a green play button icon. Below it, a "Select Firmware Offset" dropdown menu is set to "XCrypto 124-0x26F7C", and an "AES Offset Address" text field contains "0x26F7C". An "Input AES Key" button with a calculator icon is next to a text field containing the key "BE 33 09 DF D0 F1 F1 04 AB 91 A0 F0 46 0D EC 0F". To the right, a "Hash Buffer Computed" text area is empty. Below the key input, there are two large text areas: "AES Hash Buffer to Write" and "AES Hash Buffer Read From File", both currently empty. At the bottom, there are "Write" and "Read" buttons. The status bar at the bottom left says "Hash Buffer Is Empty" and the bottom right shows "Ver 1.01" and the date/time "27/11/2005 23:52:49".

2/-Press « Calculator » button

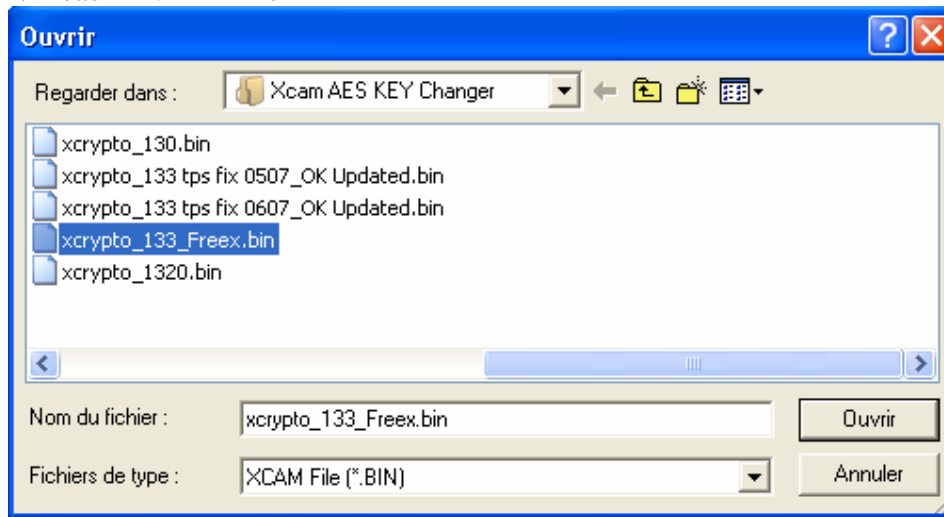


The screenshot shows the same XCam AES Key Changer application window, but with the "Hash Buffer Computed" area now populated with a list of memory addresses and their corresponding values. The list starts with "0x2C=0xB0 BYTES" and "UINT Hash_Buffer[0x2C]={", followed by a series of hexadecimal values: "0xDF0933BE, 0x04F1F1D0, 0xF0A091AB, 0x0FEC0D46, 0x85F6233F, 0xE55C0507, 0x2B677EE3, 0x21573D32, 0x2957C69F, 0xCC0BC398, 0xE76CBD7B, 0xC63B8049, 0x1F11E007, 0xD31A239F,". The "AES Hash Buffer to Write" area now contains a long list of hexadecimal values, including "BE3309DFD0F1F104AB91A0F0460DEC0F", "3F23F68507055CE5E37E672B323D5721", "9FC6572998C30BCC7BBD6CE749803BC6", "07E0111F9F231AD3E49E7634AD1E4DF2", "3E99DCAEA1BAC67D4524B049E83AFDBB", "1088F817B1323E6AF4168E231C2C7398", "3B1A29268A28174C7E3E996F6212EAF7", "9308D0C01920C78C671E5EE3050CB414", "48A993DD5189545136970AB2339BBEA6", "8FCBA821DE42FC70E8D5F6C2DB4E4864", and "F31300461E26EF6185BC78FED647D146". The "AES Hash Buffer Read From File" area remains empty. The "Write" and "Read" buttons are still present. The status bar at the bottom left now says "Hash Buffer Not Empty" and the bottom right shows "Ver 1.01" and the date/time "27/11/2005 23:54:35".

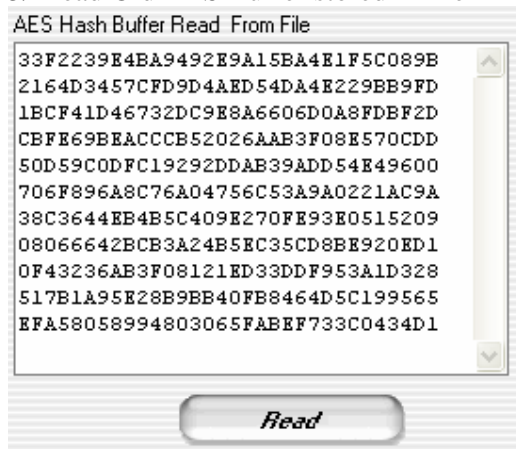
3/-Select XCam firmware version will be loading



4/-Load BINARY File



5/-Read Old AES Buffer stored in file

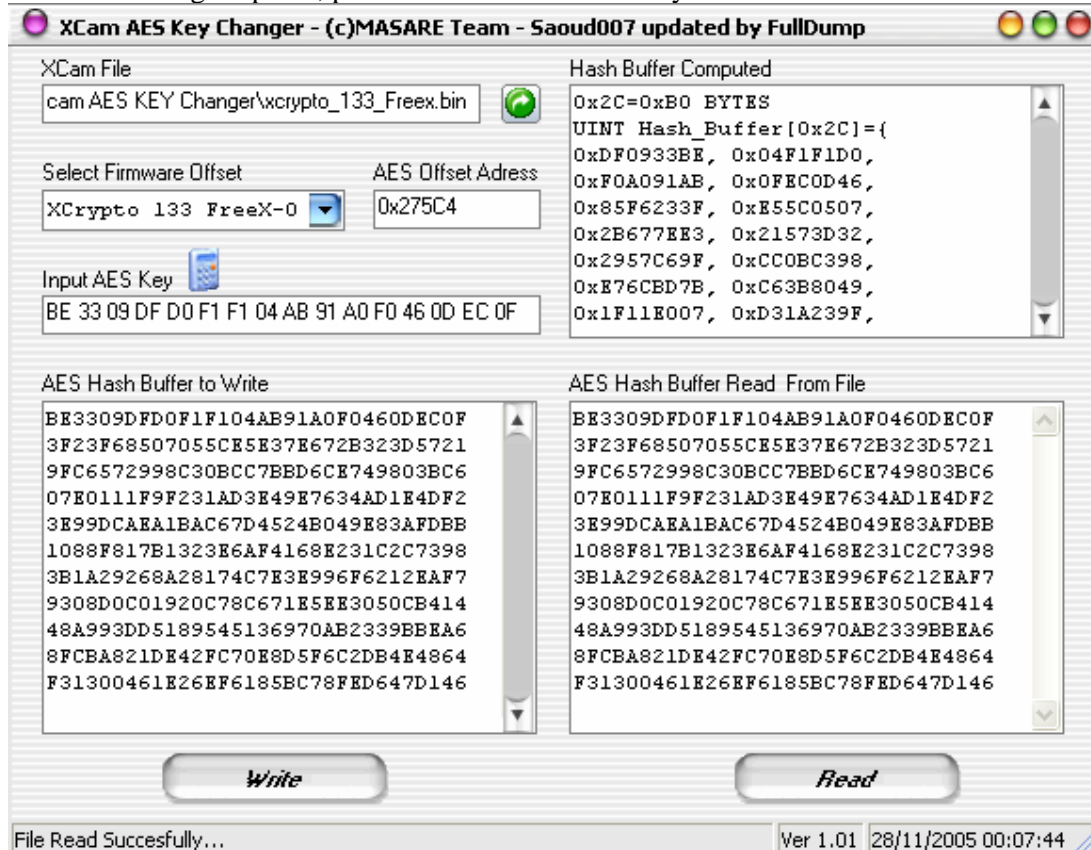


6/-Press « WRITE » button for updating new Hash buffer.

A message appear in status bar « Checksum file recomputed successfully... »



To confirm a righth update, press « READ » button and you see new hash buffer stored in file.



7/-Load another Xcam firmware & press Write button to update AES Hash Buffer in several firmware

8/-Update your cam

Thanks To Saoud007 for AES algo Calculator

Thanks To ForestGump for all screenshots

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