DV SIGNAGE™

Application Note
Firmware Upgrade Procedure

ViewStream 300

DV SIGNAGE™

What do you need?

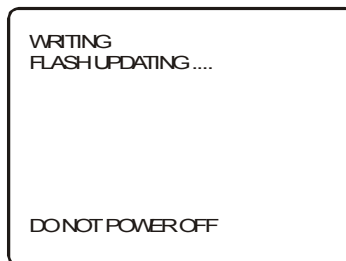Before upgrading the firmware on the M3 -xxx / ViewStream xxx, you need:

M3-100/200/300/310/320 or ViewStream 100/200/300/505
ROM code (xxxxxxxx.ROM), except M3-320/ViewStream 505
Compact Flash card (SD for M3-320/ViewStream 505)
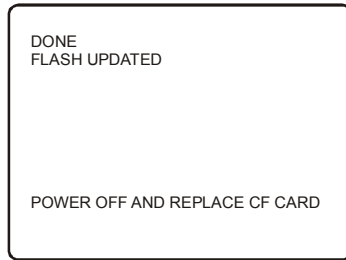
Start up

1. Use the zip file provided by DV engineers and rename it to the correct ROM name. Please refer the following table.

2. Copy the xxxxxxx.ROM file on to a blank CompactFlash card. The ROM file must be stored in the specific location as shown in the table below.

Model	ROM name	Location of ROM
M3-100 / ViewStream 100	M3PLUS.ROM	Root directory (\) (\M3PLUS.ROM)
M3-200 / ViewStream 200	M3HOST.ROM	In MEDIA folder (\MEDIA\M3HOST.ROM)
M3-300 / ViewStream 300	M3300.ROM M3300V2.ROM	In MEDIA folder (\MEDIA\M3300.ROM)
M3-310	M3300.ROM M3300V2.ROM	In MEDIA folder (\MEDIA\M3300.ROM) (\MEDIA\M3300V2.ROM)
M3-320 / ViewStream 505 See Note(1)	K10x.zip Vx.xx.xx.zip	Root directory (\)

3. Turn on the M3 / ViewStream and video display.

4. The code will be upgraded automatically and show the following message on screen:

```
WRITING
FLASH UPDATING ....




DO NOT POWER OFF
```

5. When completed, you will see the following screen showing the firmware was successfully loaded. Remove the CF Card and then reboot the system again.
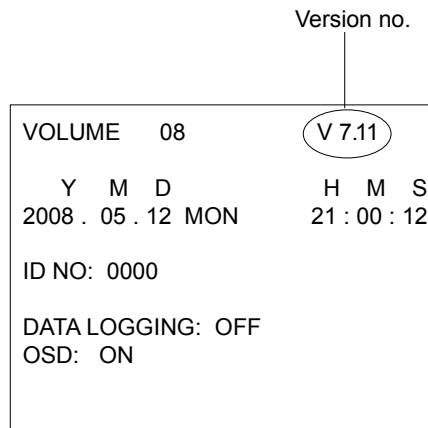
```
┌─────────────────────────────┐
│ DONE                        │
│ FLASH UPDATED               │
│                             │
│                             │
│                             │
│ POWER OFF AND REPLACE CF CARD│
└─────────────────────────────┘
```
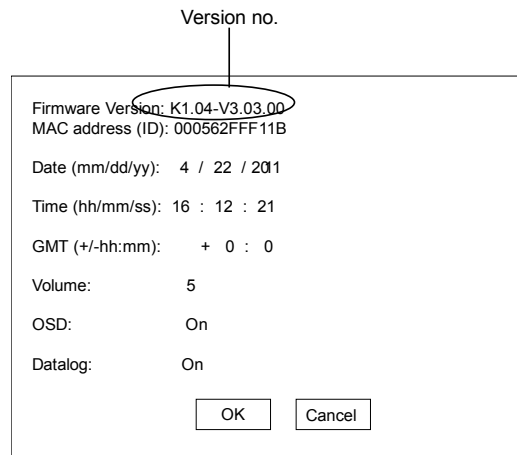⟶ Re-boot

Verifying firmware version

To verify if the firmware was successfully loaded, please follow the steps as below:

1. Turn off the M3 / ViewStream.

2. Remove CF card from CF card slot.

3. Turn on the M3 / ViewStream again.

4. The firmware version no. can be found on the OSD configuration menu as shown below.

Version no.

```
┌─────────────────────────────┐
│ VOLUME    08         (V 7.11)│
│                              │
│   Y   M   D        H   M   S │
│ 2008 . 05 . 12 MON  21 : 00 : 12│
│                              │
│ ID NO:  0000                 │
│                              │
│ DATA LOGGING:  OFF           │
│ OSD:   ON                    │
│                              │
└─────────────────────────────┘
```

M3-100/200/300/310 or ViewStream 100/200/300

Version no.

```
┌─────────────────────────────────────┐
│ Firmware Version: (K1.04-V3.03.00)   │
│ MAC address (ID): 000562FFF11B       │
│                                      │
│ Date (mm/dd/yy):   4 / 22 / 2011     │
│                                      │
│ Time (hh/mm/ss):  16 :  12 :  21     │
│                                      │
│ GMT (+/-hh:mm):     +  0 :  0        │
│                                      │
│ Volume:        5                     │
│                                      │
│ OSD:          On                     │
│                                      │
│ Datalog:      On                     │
│                                      │
│          [ OK ]   [ Cancel ]         │
│                                      │
└──────────────────────────────────────┘
```

M3-320 or ViewStream 505

Note (1)

Upgrade procedure for M3-320/ViewStream 505

This upgrade divided by two parts "Kernel upgrade" and "Firmware upgrade". The upgrade process must be done with DVI or Composite display. (supports VGA display will be later.)

Step 1: **Upgrade Kernel**: Unzip file K10x.zip on SD card and that will create a "Upgrade" folder on to root directory (/). (Note: Sometimes the 'Upgrade' folder will be created under the folder of "K10x". If it is the case, please move out the 'Upgrade' folder to the root.) Insert the SD card into M3-320/VS-505 and power up. The kernel upgrade process message will be shown. (e.g. "Kernel Upgrading …. Don't power off.) When finished, the player will reboot.

Step 2: **Upgrade Firmware**: Unzip file Vx.00.00.zip (or Ex.00.00.zip) on SD card and that will create a "Upgrade" folder on to root directory (/). (Note: Sometimes the 'Upgrade' folder will be created under the folder of "Vx.0000". If it is the case, please move out the 'Upgrade' folder to the root.) Insert the SD card into M3-320/VS-505 and power up. The firmware upgrade process message will be shown. (e.g. "Firmware Application Upgrading …. Don't power off.) When finished, the player will reboot.

[End]

October 20, 2011

DV SIGNAGE™

Contact Details

USA:

18440 Technology Drive
Building 130
Morgan Hill, CA 95037

Tel: (1) 408-782 7773
Fax: (1) 408-782 7883
Sales: info@dvsignage.com

EUROPE:

The Lake House,
Knebworth Park,
Hertfordshire, SG3 6PY
UK

Tel: +44 (0)20 7631 2150
Fax: +44 (0)20 7631 2156
Sales: info@dvsignage.com

ASIA:

16th floor Millennium City 3
370 Kwun Tong Road
Kwun Tong
Hong Kong

Tel: (852) 2861 3615
Fax: (852) 2520 2987
Sales: hk@dvsignage.com

www.dvsignage.com

Specifications subject to change without notice