

# DIGIMERGE

## Firmware Upgrade

**Bulletin No:** 06-2206-1

**Date:** September 22, 2006

**Product:** DHU500 Series DVR

**Purpose:** To provide firmware upgrade instructions for the DHU500 Series DVR unit. This Service Bulletin will outline:

- DVR Firmware Upgrade – Local Upgrade using a USB Memory Stick.
- DVR Firmware Upgrade – Remote Upgrade (through the network).

**NOTE: This Firmware Upgrade will reset your DVR Unit to FACTORY DEFAULTS. Please record important settings BEFORE beginning this upgrade.**

### Procedure:

#### DVR Firmware Upgrade – Local Upgrade

1. Download the latest firmware from the Digimerge website at [http://www.digimerge.com/cgi-bin/new\\_digimerge/product.cgi?uid=215](http://www.digimerge.com/cgi-bin/new_digimerge/product.cgi?uid=215)  
  
\*\* Confirm that you have downloaded the correct firmware to match your DVR type (either the DHU504 Firmware or the DHU508/516 Firmware) \*\*
2. Extract the files from the ZIP archive. There will be 3 files:
  - DHU504 Firmware
    - App-4ch\_200609142137.bin
    - Cuboot-4ch.bin
    - Guram-4ch\_200609142137.gz
  - DHU508/516 Firmware
    - App-8,16ch\_200609142137.bin
    - Cuboot-8,16ch\_060829.bin
    - Guram-8,16ch\_200609142137.gz

3. Copy the 3 extracted files to Memory Stick. Compatibility has been successfully tested with:
  - Lexar Jumpdrive 128/256 MB
  - Sandisk Mini Cruzer 128 MB
  - Sandisk Cruzer Micro 256MB
4. Connect the Memory Stick to the USB 2.0 Port on the front panel of the DVR.
5. Enter the Menu by pressing the MENU button on the front panel of the DVR:.
  - Select the System Set Option
  - Choose Program Update

If the Firmware is recognized by the DVR, the message “NEW PROGRAM FOUND” appears, and the DVR unit will display a processing percentage.

If the Firmware is NOT recognized by the DVR, the message “NEW PROGRAM NOT FOUND” appears, and processing will not continue.

6. Reboot the DVR once complete.

**NOTE: This Firmware Upgrade will reset your DVR Unit to FACTORY DEFAULTS. All Settings will be erased.**

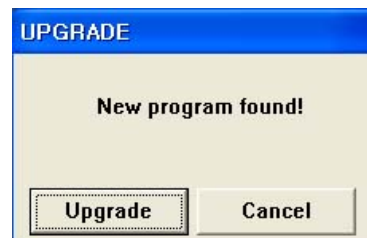
## DVR Firmware Upgrade – Remote Upgrade

1. Download the latest firmware from the Digimerge website at [http://www.digimerge.com/cgi-bin/new\\_digimerge/product.cgi?uid=215](http://www.digimerge.com/cgi-bin/new_digimerge/product.cgi?uid=215)  
  
\*\* Confirm that you have downloaded the correct firmware to match your DVR type (either the DHU504 Firmware or the DHU508/516 Firmware) \*\*
2. On the local PC, navigate to the C:\DGClient\Upgrade folder. Extract the files from the ZIP archive to this location. There will be 3 files:
  - DHU504 Firmware
    - App-4ch\_200609142137.bin
    - Cuboot-4ch.bin
    - Guram-4ch\_200609142137.gz
  - DHU508/516 Firmware
    - App-8,16ch\_200609142137.bin
    - Cuboot-8,16ch\_060829.bin
    - Guram-8,16ch\_200609142137.gz
3. Start the Web Client Application, and remotely connect to the DVR Unit.

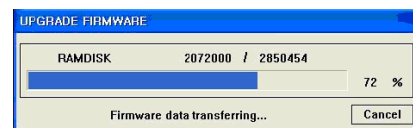
4. Select the 'Firmware Upgrade' option from the Setup Menu.



5. If the new firmware is detected, an Upgrade dialogue box will appear. Select the Upgrade button.



6. A status indicator window appears during the upgrade process.



7. Once the update has completed, a success window will appear. Press OK to the Upgrade window.



8. The DVR will need to be rebooted.

**NOTE: This Firmware Upgrade will reset your DVR Unit to FACTORY DEFAULTS. All Settings will be erased.**

## Whats New in Firmware Version 0906?

The following changes occur in the DHU500 unit after installing the new Firmware (version 0906):

- ✧ DVR MENU - Addition of the Auto Delete feature
- ✧ DVR MENU - Change to the Network Menu functionality:
  - Changes to the IP Set Menu
  - Changes to the DDNS Menu
- ✧ WEB CLIENT SOFTWARE - Addition of Remote Playback of Motion Events
- ✧ WEB CLIENT SOFTWARE - Change to the Remote System Setup menu