

## Upgrade instruction GNSD1680, GNSD1880 and GNSD1881

The Firmware gb20181011NSA is only for GNSD1680, GNSD1880 and GNSD1881.  
NEVER use it on ESD-SpeedDomes. For ESD you need Firmware gbx20181012NSA.

1. Enter the IP-Address of camera into the Internet Explorer
2. Go to System->Software upgrade
3. At "Step1" search and select the ulmage\_userland\* File
4. At "Step2" select "ulmage+userland.img".
5. At "Step3" push "Save".

The screenshot shows the GEUTEBRÜCK web interface. The top navigation bar includes links for Home, System, Streaming, PTZ, Logout, and the device model GNSD1680. A left sidebar lists various system settings: System, Security, Network, DDNS, Mail, FTP, HTTP, Events, Storage management, Recording, Schedule, File location, and View information. The main content area is titled 'Upgrade' and contains the following steps:

- Step1:** Upload the binary file. A text input field shows the path '\\de-stor-1\daten\\_Allgem' with a 'Durchsuchen...' button next to it.
- Step2:** Select binary file you want to upgrade. A dropdown menu shows 'uImage+userland.img'.
- Step3:** Click the upgrade button to start the upgrade process. An 'Upgrade' button is visible at the bottom.

6. Wait until the camera has uploaded the Firmware to 100% and webpage has been reloaded and shown again.
7. Reload the Webpage once again with F5 or Reload button of web browser.
8. Go to System->Software upgrade
9. At "Step1" search and select the switch\_\* File
10. At "Step2" select "switch.bin".
11. At "Step3" push "Save".
12. Wait until the camera has uploaded the Firmware to 100% and webpage has been reloaded and shown again.
13. Reload the Webpage once again with F5 or Reload button of web browser.
14. Go to System->Software upgrade
15. At "Step1" search and select the main\_\* File
16. At "Step2" select "main.bin".
17. At "Step3" push "Save".
18. Wait until the camera has uploaded the Firmware to 100% and webpage has been reloaded and shown again.
19. Reload the Webpage once again with F5 or Reload button of web browser.
20. Go to System->Software upgrade
21. At "Step1" search and select the module\* File

For GNSD1680, GNSD1880 and GNSD1881 the file must start with this: "module\_ITN\_imx103\_20x".

22. At "Step2" select "module.bin".

23. At "Step3" push "Save".

24. Wait until the camera has uploaded the Firmware to 100% and webpage has been reloaded and shown again.

26. Reload the Webpage once again with F5 or Reload button of web browser.

**NOTE:** In very few cases functions and/or web menu surfaces can be disturbed. If so, you should execute a "Partial Restore". Please be aware, that after partial restoring all parameters (without network parameters) will get its default values!