

How to Upgrade Datum-Y (XL100 series) Firmware Manual

PRECAUTIONS:

This manual describes how to upgrade the firmware of Datum-Y in order to upgrade functions and modify defects.

When you upgrade the firmware of Datum-Y, follow carefully to the instructions.

Make backup copy of the data in the Datum-Y internal memory to external memory cards.

In the consequence of upgrading, the data saved in the Datum-Y is not guaranteed at all.

Use the AC power supply and make sure the power does not go OFF during the upgrade operation.

REQUIREMENTS:

Datum-Y

Datum-Y AC adapter

Compact Flash Card (Formatted): Product of SanDisk is recommended.

PREPARING UPGRADE FILES:

- (1) Get the latest "UPGRADE_VerX.XX.ZIP"(VerX.XX means the firmware version of Datum-Y) from the URL site of Yokogawa Meters & Instruments Corporation or from the Application Software Datum-LOGGER CD-ROM ¥XL100_UPGRADE folder.
- (2) Double click the "UPGRADE_VerX.XX.ZIP" and start unzipping.
If you are using Windows 2000 and could not unzip, please get the free software tool to unzip.
- (3) UPGRADE folder will be made. Inside the UPGRADE folder there will be 4 files(BatApp.exe, FIRSt.exe ,UpgradeManual_English.txt(This document), UpgradeManual_Japanese.txt) and one folder(ARMV4I). Copy the exe files and folder(ARMV4I) below and save to the prepared compact flash memory card.

BatApp.exe,

FIRSt.exe,

ARMV4I

NOTES:

If any file is missing upgrade will not be able to start.

UPGRADING(Approximately 1 minute operation):

- (1) Prepare the compact flash card for upgrading.
- (2) Confirm the power of Datum-Y is off and insert the compact flash card.
- (3) Power on the switch of Datum-Y and upgrade will start automatically.

NOTES:

DO NOT POWER OFF Datum-Y OR TOUCH KEYS OR REMOVE MEMORY CARDS WHILE UPGRADING DUE TO MALFUNCTION UPGRADE WILL TAKE APPROXIMATELY ONE MINUTE

(4) Power off Datum-Y after "Program upgrade is succeeded. Remove CF Card and power off" is displayed.

- (5) Remove the compact flash card and power on. Confirm the version of the firmware at the self test screen or SYSTEM INFORMATION screen.

NOTES:

After upgrading, be sure to remove the compact flash card as the upgrade will start again when Datum-Y is powered on.

- (6) If the firmware version of Datum-Y has changed to the new version, the upgrade is completed. If the firmware version has not changed, repeat the same process from PREPARING UPGRADE FILES.
- (7) Please be sure to delete all files of upgrade files

HOW TO DELETE ALL FILES ON THE COMPACT MEMORY CARD:

- (i) Insert the compact flash card after powering on Datum-Y.
- (ii) Operate "FORMAT" by pressing "FILE" key, select "FORMAT" and select CF CARD.

NOTES:

UPGRADE will start again if you leave the upgrade files on the memory card inserted and switching on Datum-Y. There is no affection on UPGRADING again.

TRADEMARKS

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