

BITTSENS SL V1.8



New features:

From version 1.8 upwards BITTSENS SL has the ability to switch into a "indication view mode". This mode is made as display unit for calibration purposes. The received data is stored instantly into the CSV file. And for performance reasons writing into the EXCEL file is suspended! Once you switch back to the normal mode view, then all settings are restored from the INI file! The LED in the small view blinks on receive of any data from the probe and signals continuous red if there is any error. If a checksum error is detected, "chksum err" is shown instead of the doserate value. If the connection to the probe is lost or the probe cannot be found, then "detector?" is shown instead of the doserate value!

Features:

From version 1.7 upwards BITTSENS SL has the ability to store data in an ordinary text file. The files are generated for each day with filenames like "YYYYMMDD.CSV" in the output directory.

From version 1.2 upwards BITTSENS SL has the ability to store data in a Microsoft EXCEL sheet! Monthly files are generated with filenames like "YYYYMM.xls" in the installation and output directory! The user can open the EXCEL Files from the output directory but must not open, change or delete the files in the installation directory!

The template "template.xls" will be used for monthly data storage. One can adopt this template to personal requirements, but one must not change the first sheet. So the sheet named "data" must be always the first sheet and left unchanged! Data is written to the EXECL sheet when the choice box "write data to EXCEL" is checked!

Configuration:

The configuration file "bittsens_sl.ini" is stored in the installation directory and allows to set some parameters manually! The value called "interval" specifies the gamma detector data request period and "save_interval" triggers a save action to the EXCEL file! Both values are stored in seconds! A save to the excel file is done in any case, if the last measured doserate changes at least by the percentage given through "trigger_save_change_in_percent". Via the parameter "file" one can specify filename extensions. Setting this parameter to "_" means no extension. Setting this to "_probe1" means that an EXCEL file like "YYYYMM_probe1.xls" is generated!

The parameter "separator_character" determines the dividing character between each column in the *.CSV file!

Installation:

Previous installations must be deinstalled if they have version 1.4 or lower. Installtions from 1.5 upwards can be overwritten with the installer of version 1.8!