

#655 8310/7310

Release 8310 v2.10.10



Product Family: 8310/7310

Bulletin #: 655

Sub Assembly:

Date: June 13, 2016

Originator: Mike Nelson

Subject: Release 8310 v2.10.10

Routing: Customer Service
 Engineering Staff

Technician Staff
 Other-Sales

Product Name (i.e., 8310 Datalogger)

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|--------------------|----------|-----------|
| 8310 app: | v2.10.10 | 8204-1108 |
| 8310 kernel: | v6.26.10 | 8204-1107 |
| 8310 umon: | v6.26.10 | 8204-1109 |
| 8310 loader: | v6.26.10 | 8204-1110 |
| 8310 User's Manual | v2.10 | 8800-1185 |

Changes from previous release (vx.x.x):

1. Added support for HSPA/HSPDA/3G cell modems
2. Fixed a bug that could lead to an SMS transmission not being attempted when a GPRS transmission failure occurs
3. Added a timeout to force-hangup GPRS (RAS/PPP) dial attempt, should it get stuck
4. Fixed a bug where registry entries for an HSPA modem were being overwritten during upgrade
5. Fixed a bug where the Iridium property "MaxDailyBytes" was ignored when the associated GPRS failure occurred later than 3 minutes from start of the scheduled transmission
6. Added new property to Constant input types, "AutoSaveSetup", that determines whether the setup is saved following a change to the constant value due to an SSP tag write or a change via the main menu (not a change by changing the value of the constant in the Setup menu, where changes are always saved)
7. Added support for selecting new Japan MTSAT 100 and 300 BPS satellite types under Satlink settings
8. Fixed a bug that caused the formatted output of a setup containing a measurement of type Reference to show the wrong setup data (and sometimes throw an exception due to an out of bounds index)
9. Updated vectored average algorithm to use Yamartino method for calculating STD Direction Unit
10. Fixed a memory leak in Basic's WaitEvent function
11. The Basic Val() function now rejects out of bound characters and performs a sanity check on the input string length. These changes help ensure the system remains stable even if a junk string is used as input to the Val() function
12. Improved ability to recover from a specific corruption of Flash Disk
13. Allow MODBUSTCP packets to contain extra trailing data