

Engineering & Application note

Issue Date: February '08

Subject: SMT Client v1.8 ReadMe

Relevant Products: SMT Client v1.8

Article Description

SMT Client v1.8 replaces v1.7 as the latest configuration software for the iSmart. All existing users are recommended to upgrade to the new software, all new users should install it from the outset.

This new version is essentially a service release; the new features are listed below.

Article Details

New Features in v1.8

- Support for the new 24V AC iSmart models has been added, including:
SMT-EA24-R12
SMT-EA24-R20
- Support has been added for the following AC expansion module:
SMT-MA24-R8

Fixes in 1.8

- None

New Features in v1.7

- The number of internal coils has been increased, by the inclusion of a 'mode 0' selection for timers, real time clock and comparison block coils. The new mode makes the coil available as if it were an internal memory coil.
- The default value of a function block can now be read and set by the user via the HMI screen or the loader protocol.
- Addition of error messages when features are not available due to use of older firmware.
- Addition of data link status tool in monitoring mode. Allows individual bits to be monitored within the internal 'W' memory space, used by the link data.

Fixes in 1.7

- None

New Features in v1.6

- A combination of pressing SEL+OK enters the real time clock set menu on the iSmart, then press again to return to current screen.
- Improvements have been made to the password function with firmware V1.7-V2.0.
- The 'RTC Week' function is now available while using 'RTC Set' in ladder mode.
- Automatic model type detection has been added, after loading previously created program and connecting a different model.

Fixes in 1.6

- Communication problem fixed when hot plugging cable (only with v2.0 firmware)
- Possible lockup fixed when accessing a particular address in RAM memory
- Problem fixed with the real time clock, where it possibly cannot be set
- Problem fixed where unit with ID of greater than 1 cannot be connected to the software.
- Problem fixed with 'V' type analog inputs when they are negative.
- The software was showing number of available inputs on an EA-R20 incorrectly as 8, this is now 12.