Toshiba SMART Touch Controller
Version History up to v1.07.05

Version Information

v1.02.02   - initial release

v1.03.01   - setting the setpoint limits for a group now works correctly
                 - added various digital input & output functions

v1.03.02   - setting the setpoint on a daily schedule now works correctly
                 - fixed crashing caused by deleting all daily or weekly schedules

v1.04.01 🗋   - enabled 'Security' in config menu
                   ↳ users can be defined with 1 of 3 different security levels
                 - bug fix: zones can now be deleted
                 - enabled 'General Settings' in config menu
                   ↳ controller can now be named (name is displayed on System Overview screen)
                 - various screen layout updates

v1.04.02 🗋   - enabled 'secondary scheduling' feature
                 - added ability to hide 'ungrouped' units
                   ↳ this is useful when multiple SMART touch controllers are connected to the same TCC-Link, and each controller must only see a subset of the HVAC
                 - added 'Controller Address' setting, if multiple controllers are present
                 - added support for VN heat-exchangers
                   ↳ only available if Black Pear HVAC controller firmware is at least v2.23
                   ↳ not fully supported on web pages yet (mode states do not display correctly)

v1.04.03   - various minor screen layout changes
                 - removed various unused bitmaps

v1.04.04   - schedule control points can now set temperature setpoint down to 10ºC
                 - Black Pear HVAC controller firmware can now be updated

v1.05.01 🗋   - Annual scheduling is now working
                 - German language can now be selected
                 - Backup & Restore functions have been added
                   ↳ allows all configuration settings, HVAC setup and schedules to be backed up to a USB stick

v1.05.02   - minor bug fixes

v1.05.03   - bug fix: HVAC Group Configuration
                     attempting to add a unit to a group when no valid groups are available (ie the unit address is lower than any defined group number), caused a crash.

v1.05.04   - bug fix: setpoints changed via remote controllers did not adhere to group setpoint range
                 - includes Black Pear HVAC controller firmware v2.28

v1.05.05   - displays a warning if an incompatible USB stick has been used and forces a restart of the controller

v1.05.06 🗋   - added icons for TXIO General Equipment to allow control of 3rd party equipment

v1.05.07   - improved performance of zone control
                   ↳ controlling a zone containing a large number of groups would occasionally miss random units

v1.05.08 🗋   - R/C connected to master unit in group now controls the whole group, not just the master unit

🗋 New features added.

v1.05.09 📄   - improved R/C master group control performance
      - added new web browser interface with login screen
      - includes Black Pear HVAC controller firmware v2.32

v1.05.10   - bug fix: the majority of commands sent via Microsoft web browsers would not get actioned

v1.05.11 📄   - digital inputs & outputs now freely configurable using predefined functions
      - added 'L30 alarm detected' function to digital output config
      - renamed 'Secondary Schedule' to 'Alternate Schedule'

Note: If running v1.05.11, it is recommended to upgrade to the latest available version

v1.05.12 📄   - implemented 'Optimised Start' functionality

v1.05.13   - added 'Air-Curtain' icons to unit type selection
      - added ability to assign the temperature reading from a TXIO as the Outdoor temperature
      - displaying Outdoor temperature with system icons (when enabled)
      - various bug fixes

v1.05.14   - improved configuration backup performance

v1.05.15   - development version (never released)

v1.06.01 📄   - fully implemented the following new features…
      ↳ air curtain 'dynamic setpoint' control
      ↳ fabric protection
      ↳ 'global disable' digital input can be individually enabled for each group
      - bug fix: errors from 'hidden' ungrouped units appearing in alarm log

v1.06.02   - housekeeping version
      - no additional features added

v1.06.03   - bug fix: config menu button not working under certain conditions after logging in or out

v1.06.04   - bug fix: on HVAC config screen,'Global Off' config button visible when logged in as a
         building manager and HVAC security is enabled

v1.06.05   - bug fix: disabling the 'Global Disable' when digital input 'active' didn't update groups correctly
         - any attempt to turn on a group would refresh the 'Off & Inhibited' state

v1.06.06 📄   - French language can now be selected

v1.06.07 📄   - Spanish language can now be selected

v1.06.08   - added new unit types
         - Hot Water Module (medium temp)
         - Hot Water Module (high temp)

v1.06.09   - bug fix: accessing the webserver via a remote network failed to load web page

v1.06.10   - upgraded Black Pear HVAC controller firmware to v2.39

v1.06.11   - test version (never released)

v1.06.12 📄   - bug fix: unable to access web server via port 8080
         - had fixed port to 8081 in v1.06.11 and forgot to remove it
      - web server changes
         - port can now be changed (via 'General Settings')
         - added hot water module images to webserver resources
         - setpoint control range now matches group setpoint min and max
         - added slider to setpoint control
         - inhibits now selectable on group & zone control pages

📄 New features added.

v1.06.13 📄   - Czech language can now be selected

v1.06.14   - corrected some Czech language translations

v1.06.15   - interim version to improve handling with new Toshiba hvac units
            - upgraded Black Pear HVAC controller firmware to v2.41

v1.06.16   - finalised improvements to handling new Toshiba hvac units
            - upgraded Black Pear HVAC controller firmware to v2.42

v1.06.17   - restoring inhibits states after 'Global Disable' input deactivated

v1.07.01 📄   - added new 'Digital Input' function 'Global Disable + Restart'
            - restores on/off states after input is deactivated

V1.07.02   - bug fix: setting setpoint in a schedule outside allowed range was being ignored
            - had added a function to validate all commands in v1.06.12
            - this had inadvertently caused the problem

v1.07.03   - slight changes to 'Global Disable + Restart'

v1.07.04   - added 2min guard time to 'Global Disable + Restart'

v1.07.05   - bug fix: setpoint changes on master r/c not being sent to slave units
            - this only happened if setpoint was below normal fancoil minimum

📄 New features added.