

Operating Guide Addendum

ZIO™ TR120 Wall Module



APPLICATION

The Zio TR120 Series with TR75 emulation (TR120 and TR120-H OS numbers) touch screen wall modules provide an operator interface for monitoring and adjusting parameters in the wall module and communicating to the HVAC controller. The wall module is customizable and supports both contractor and tenant levels levels of access.

All models have a space temperature sensor, color touchscreen LCD panel. The TR120-H also includes an onboard humidity sensor.

This addendum is intended as supplement to the TR70/TR71/TR75 operating guide 63-2719 to provide proper configuration of the device using the Niagara™ NX workbench/Spyder configuration tool.

The TR120 is a functional equivalent to the TR75 with the exception its operation is accomplished via full color touch screen interface and can be configured in either portrait or landscape modes.

COMPATIBILITY

The TR120 is compatible with Honeyweill Stryker™, Spyder™ Classic, and CIPer™ 30 controllers.

NOTE: Only qty. 1 TR120 should be connected and powered via a single Sylk™ bus to avoid excessive power consumption.

SETUP AND CONFIGURATION

Accessing Contractor Mode

Press and hold the Honeywell logo for approximately 5 seconds. A splash screen will appear containing: Firmware version, Wall Module version, and Sylk bus address. Then a password screen will appear if previously configured using the tool. Enter password to access Contractor Mode.

It will then be possible to access Installer menu options including: screen orientation, inactivity brightness, firmware upgrade, Logo selection. Also, other contractor specific functions will be accessible using buttons at the bottom of the display.

Firmware Upgrade

Upgrading device firmware is possible using an SD card slot located in the lower left of the housing (portrait mode) or lower right (landscape mode). Save the Honeywell provided .BIN file to an SD Micro Card and locate it in the root folder. A SD or SDHC micro SD card with capacity up to 32 GB is supported. Note: SDXC, the newest standard is not supported. After inserting the card with firmware utilize the firmware update option contained in the installer menu.

Bus Address Setting

Follow instructions per the TR120 installation guide 31-00275 to match the preferred Sylk bus address on device to match the setting in the configuration tool. Bus address can be set from 1–10 (Addresses 11-15 are not configurable)

Wall Module Selection

The Niagara Workbench tool reference operating guide 63-2719 is used to configure the wall module by selecting the appropriate configuration and TR120 model. For the TR120 select the TR75 with temperature and for the TR120-H select TR75 with temperature and humidity as per Fig. 1.

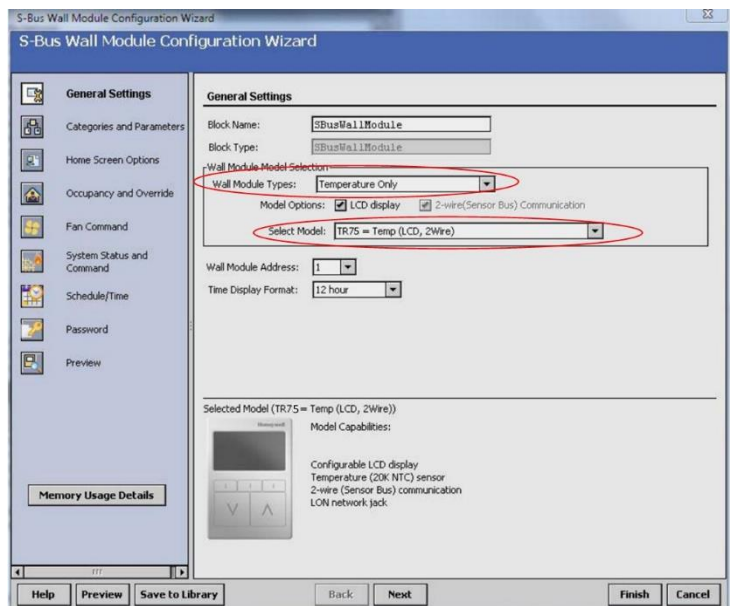


Fig. 1. Niagara Tool Wall Module Selection Screen

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Home Screen Layout

Multiple home screens can be configured as needed once the categories and parameter values have been defined.

The final appearance of the TR120 screen as defined within the tool will differ from the TR75 layout as depicted in Figures 2, 3, 4, 5. below.

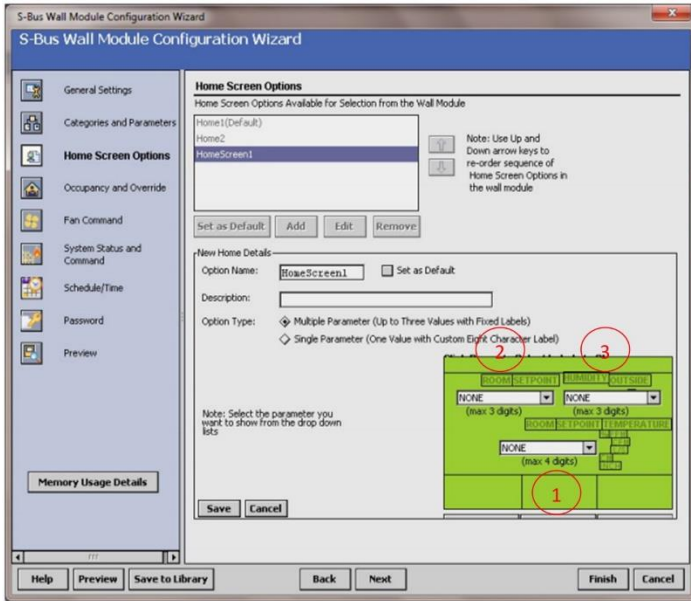


Fig. 2. Niagara Tool Home Screen Layout



Fig. 3. TR75 Home Screen Layout



Fig. 4. TR120 Home Screen Layout (Landscape)

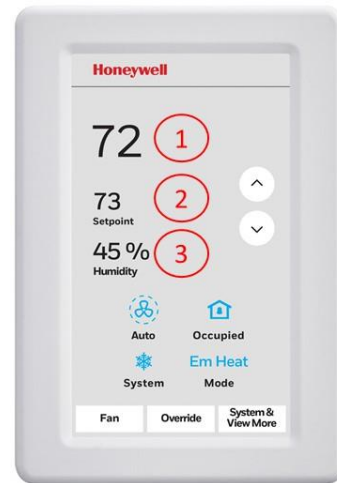


Fig. 5. TR120 Home Screen Layout (Landscape)