

# Honeywell TR120 Sylk Zio Wall Module

Honeywell has released the latest in the line of Sylk Zio Wall Modules for the Spyder, Stryker and CIPer Model 30

## Key Features

- ✓ Compatible with the Stryker, Spyder Lon, Spyder BACnet and CIPer Model 30 controllers
- ✓ Direct Replacement for the TR71 and TR75 Sylk Zio Wall Modules (no programming changes required)
- ✓ 2-Wire (Sylk Bus) connection for communication and power
- ✓ Color touchscreen
- ✓ Password protection
- ✓ Landscape or Portrait Mode mounting



## Details

- **TR120** Sylk Zio Wall Module - Temperature only
- **TR120-H** Sylk Zio Wall Module - Temperature + Humidity

### Features

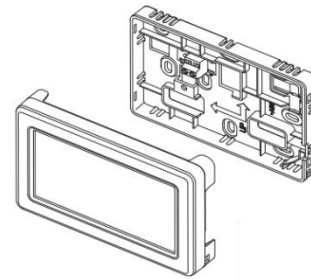
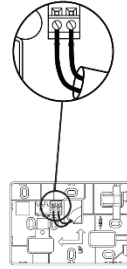
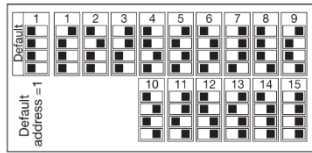
- Home screen can display up to three of any of the following parameters
  - ✓ Temperature Setpoint
  - ✓ Room Temperature
  - ✓ Room Humidity
  - ✓ Outdoor Humidity
  - ✓ Outdoor Temperature
  - ✓ Time of Day
  - ✓ One of virtually any parameter in the controller
- Restricted tenant access to parameters or imposed HVAC settings limits via password protection
- Assign labels for enumerated values
- Link setpoint limits to a network variable
- Access and adjust most parameters in the controller
- Access and adjust the controller schedule
- Balance the VAV system from the wall module
- Permanent retention of user configuration, including setpoints after a power outage

### Compatibility

- Designed for use with Spyder, Stryker, and CIPer Model 30
- (1) TR120 max per Sylk bus
- 18 VDC from controller Sylk bus (50 mA maximum)
- It can directly accept a TR71 or TR75 application download from the controller with no additional modifications needed
- A TR71, TR71-H, TR75, or TR75-H wired to the controller in the field can be directly replaced by the TR120 or TR120-H

- **Installation**

- Wall Module addressing – DIP switch selectable
- Wiring – 2 wire connection to controller



• **Programming and TR120 Configuration**

- For Spydres, use the Spyder Tool S-Bus Wall Module component, set for TR71, TR71-H or TR75, TR75-H
- For Strykers, use 'TR71/75 Wall Module' as the Wall Module Type in the Configuration Wizard
- For CIPer Model 30, use TR120\_TR75E or TR120H\_TR75E SylkDevice from the ipcProgrammingTool palette

• **Sylk Bus Overview**

- 2-wire communication/power
- Polarity insensitive
- Single twisted pair, non-shielded, stranded or solid
  - 18-22 AWG 150m (500ft)
  - 24 AWG 120m (400ft)
- Standard thermostat wire (non-twisted), shielded or non-shielded, stranded
  - 18-24 AWG 30m (100ft)
- Daisy-chain or home-run wiring for multiple Sylk devices

• **Honeywell has a complete line of Sylk Wall Modules**

	Part Number	Images	Display	On-Board Sensors			Features	Customizable Parameters*	Schedule Access	Controller Compatibility
				Temp	Humidity	CO <sub>2</sub>				
Sylk-Enabled Zio Wall Modules	TR120		Yes	✓			Color Touchscreen Temp. Override, Setpoint, Fan	✓	✓	Stryker Spyder Classic CIPer Model 30
	TR120-H			✓	✓			✓	✓	
	TR75		Yes	✓			Temp. Override, Setpoint, Fan	✓	✓	
	TR75-H			✓	✓			✓	✓	
	TR71			✓				✓		
	TR71-H			✓	✓			✓		
	TR42		Yes	✓			Temp. Override, Setpoint, Fan	N/A	N/A	Spyder Classic Spyder Model 5 CIPer Model 30
	TR42-H			✓	✓					
	TR42-CO2			✓		✓				
	TR42-H-CO2	✓	✓	✓						
	TR40		No				No Interface	N/A	N/A	
	TR40-H			✓	✓					
	TR40-CO2			✓		✓				
TR40-H-CO2	✓			✓	✓					