Pentair ScreenLogic

Overview

This driver connects Control4 to a Pentair IntelliTouch or EasyTouch system through a **ScreenLogic** interface on the local network. Updates are pushed from the controller as state changes. What appears in the UI depends on the equipment ScreenLogic reports:

- **Temperatures**: air, pool, and spa; pool/spa setpoints typically 40–104°F
- **Heat modes**: discovered from installed equipment (for example Off, Heater, Solar Preferred, Solar Only, Heat Pump)
- **Pool / spa pump**: on/off; setpoint controls follow when the body is running
- **Auxiliary circuits**: named circuits (lights, pumps, waterfalls, cleaners, etc.); hide, show, and reorder in Composer (use **+** to restore a hidden circuit)
- **Color lights**: IntelliBrite colors and shows when the circuit supports them

Requirements

- Control4 OS **3.3.0** or higher
- Pentair **IntelliTouch** or **EasyTouch** pool/spa controller
- Pentair **ScreenLogic** interface on the same LAN as the controller
- Static IP or DHCP reservation recommended for the ScreenLogic interface

Setup

1. Add **Pentair ScreenLogic** in Composer Pro.
2. Open **Connections**, select the driver's network connection, and **Identify** it with the ScreenLogic interface IP address (prompt: enter the IP of the Protocol Adapter).
3. Wait for **Driver Status** to show Connected. Temperatures, heat modes, pumps, and circuits populate from the controller.

> After you add, remove, or rename equipment at the pool controller, run **Sync Pool Equipment** so Control4 picks up the new configuration.

Properties

Property	Description
Cloud Status	DriverCentral license status (read-only)
Automatic Updates	Allow automatic driver updates when available
Driver Version	Packaged driver version (read-only)
Driver Status	Connection state (Disconnected / Connecting / Connected) (read-only)
Log Level	Logging verbosity; resets to Off after about 1 hour when not Off

Actions

Action	Description
Sync Pool Equipment	Re-reads equipment configuration from the pool controller (circuits, heat modes, names). Use after equipment changes or if auxiliaries look wrong
Hide Pool in Other Rooms	Hides the pool device in every room except the driver's current room

Troubleshooting

Symptom	What to try
Stays Disconnected	Confirm the ScreenLogic IP and LAN path; use a reservation/static IP; set **Log Level** to **Trace**
Missing or stale auxiliaries / heat modes	Run **Sync Pool Equipment** after changes at the pool controller
Hidden circuit needed again	Use the **+** control in Composer to add it back from the hidden list
Color light options incomplete	Run **Sync Pool Equipment**; confirm the circuit is a color-capable light at the controller

Support

If you have questions or issues with this driver, contact us at support@solidified.co or call/text +1 (561) 444-9960. You can also submit a support ticket at DriverCentral.

Changelog

v20261002 - 2026-10-02

Changed

- Improved detection of IntelliBrite and other color-capable lights.

v20260519 - 2026-05-19

Changed

- Improved performance and fixed miscellaneous bugs.

v20260303 - 2026-03-03

Fixed

- Fixed programming for Auxiliary Modes not working properly.

v20251118 - 2025-11-18

Added

- Added Hide Pool in Other Rooms action to hide the pool device in all rooms except the current room.

v20251111 - 2025-11-11

Added

- Added Off option to the color light dropdown for easy light shutoff.

Changed

- Improved equipment config persistence to restore heat mode options after controller restart.

v20251102 - 2025-11-02

Added

- Initial release.