# IntelliFlex I/O by DRAPER®
## S1 - Single Zone Wired Wall Switch

DATA SHEET
TECHNICAL INFO

**C112.161**

## Overview

The IntelliFlex I/O Single Zone Wall Switch is a smart user input device that can be customized to operate roller shades, venetian blinds, or send a signal to a third-party Building Management system via the IntelliFlex I/O network. The I/O switch can be programmed to control a single system or zone, moving it to any position with a single touch. Swipe gestures are also recognized and quickly move the shades to the fully open or closed positions. Power for the switch is provided through the IntelliFlex I/O network using a single Ethernet cable for power and communication. A zone can be configured to control any number of shades on an IntelliFlex I/O network using the onboard programming buttons, without rewiring or the use of external configuration devices. Integrated LEDs provide users real time system status, allowing them to know when the switch is pressed, motors are in operation, or when the switch is rendered inactive due to other system priorities.
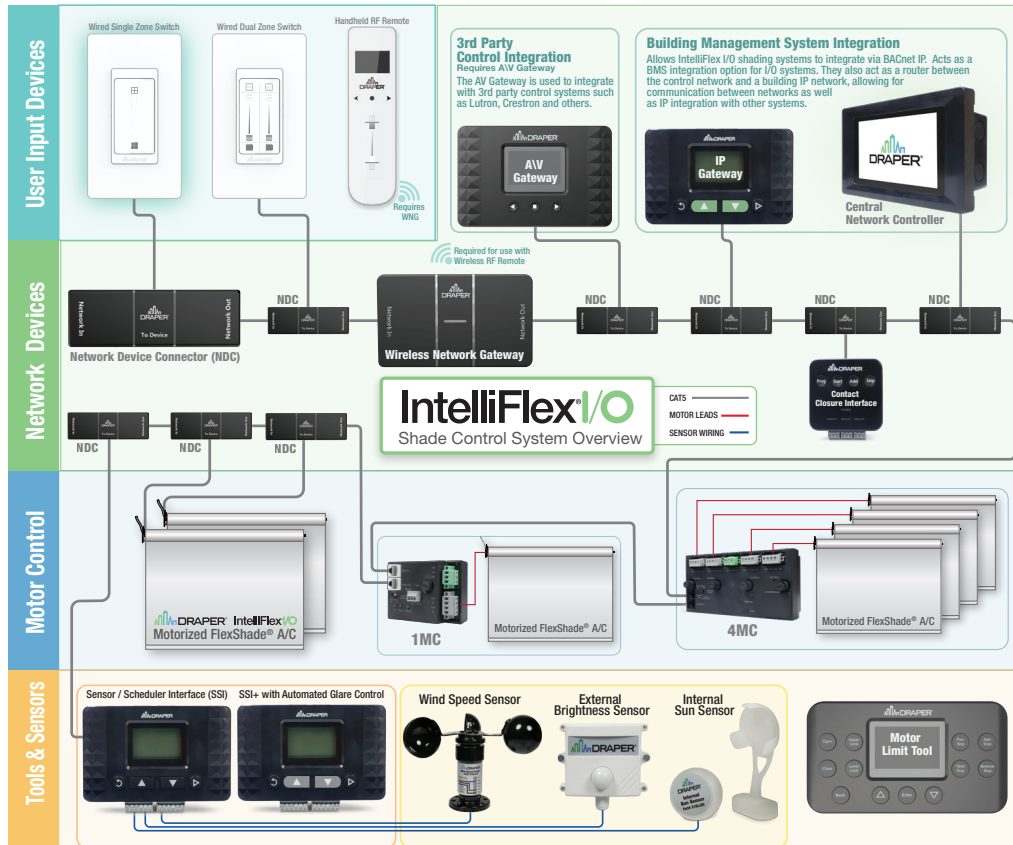
## Features

- Control any number of motors in an IntelliFlex I/O network.
- Can be used with any number of intermediate stops, or no stops at all.
- Integrated LEDs provide system status to users.
- Standard Decora size and fits into any standard single gang box.

### Technical Specifications -   Single Zone Wired Wall Switch

| | | |
|---|---|---|
| Input Power: | 24V DC | |
| Material: | ABS plastic | |
| Operating Temp: | Ambient | |
| Dimensions: | 4 ¹/₈" x 1" x ⁷/₈" | 105 x 45 x 22mm |
| Mounting: | Single Gang | |
| Shipping Weight: | 2lb. | 0.9 kg |
| | Indoor Use Only | |
| | NDC Required (included) | |

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## IntelliFlex I/O  the complete control solution for Motorized FlexShades®



IntelliFlex I/O Shade Control System Overview

| IntelliFlex I/O Compatible Components | Part Number |
|---|---|
| **User Input Devices** | |
| Single Zone Wired Wall Switch (S1) | C112.161 |
| Dual Zone Wired Wall Switch (S2) | C112.162 |
| Handheld RF Remote (RFR) | C156.270 |
| IR Transmitter and Receiver (IRT/R) | 121227 |
| IR Transmitter (IRT) | 121228 |
| **Network Devices** | |
| Network Device Connector (NDC) | C156.267 |
| Wireless Network Gateway (WNG) | C156.268 |
| A\V Gateway (AVG) | C156.269 |
| Sensor/Scheduler Interface (SSI) | C156.272 |
| SSI w/ Automated glare control (SSI+) | C156.304 |
| Contact Closure Interface (CCI) | C156.273 |
| Central Network Controller (CNC) | C156.271 |
| IP Gateway (IPG) | C156.305 |
| 3-Port Network Device Connector (NDC3) | C156.311 |
| **Motor Control** | |
| 1 Motor Controller w/enclosure (1MC) | C156.285SA |
| 1 Motor Controller (1MC) | C156.285 |
| 4 Motor Controller w/enclosure (4MC) | C156.286SA |
| **Tools** | |
| Motor Limit Tool (MLT) | C202.047 |
| IntelliFlex I/O Installation Kit (IO-Kit) | C504.206SA |

For info on other I/O compatible products, visit draperinc.com.

For low voltage wiring requirements, Draper recommends consulting with a professional low voltage electrical contractor. **All low voltage wiring must be run separately from line voltage wiring.**

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