



The Software House Multi-Format Proximity Readers are compatible with cards from multiple manufacturers which makes them an extremely versatile access control solution. The proximity readers combine multiple configuration options with an appealing, discreet design and economical price. Available with or without keypad, the proximity readers are ideal for numerous applications.

The readers' potted electronics make them well suited for both indoor and outdoor applications.

### KEY FEATURES

- ISO compliant
- Reads multiple 125 KHz formats
  - HID Proximity
  - Deister Proximity
  - CASI® ProxLite®
- Outdoor/indoor use
- Mount on metal with isolation spacer
- Surface mount wiring option available with European package
- Wiegand output format
- Plug-in 5 mm screw terminals
  - External beeper control
  - Power and ground
  - Two-wire Wiegand
  - External green and red LED control
- Available as mullion, single gang, and single gang with keypad
- Tamper switch

## PROGRAMMING AND FORMAT INFORMATION

| Card Technologies Supported   |
|---|
| HID Proximity   |
| CASI® ProxLite®   |
| Deister Proximity   |
| Controller Communications   |
| Wiegand   |
| Configurable Using Program Card                                       |
| Pass-through <sup>1</sup>   |
| Fixed length <sup>2</sup><br>(26-bit, 32-bit, 35-bit, 37-bit, 64-bit) |
| CASI ProxLite   |
| 44-bit pass-through   |

## TECHNICAL SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| Agency Certifications       | FCC Part 15, CE, UL 294 full outdoor (pending)                    |
| Minimum Wiring              | 4 conductors  |
| Cable Recommendations       | 22 AWG, stranded  |
| Color                       | Black or light gray (custom colors & patterns available)          |
| Accessories                 | European surface mount kit<br>Isolation spacer                    |
| Dimensions                  |   |
| Model SWH-5000              | 120 mm x 45 mm x 25 mm (4.73 in x 1.77 in x 0.98 in), mullion     |
| Model SWH-5100              | 111 mm x 84 mm x 28 mm (4.37 in x 3.31 in x 1.10 in), single gang |
| Environment                 | UL listed for interior or exterior                                |
| Operating Temperature Range | -31° to 151°F ( -35° to 67°C)                                     |
| Humidity Range              | 0 to 100%   |
| Index of Protection         | IP65  |
| Power Supply                | 8 – 16 VDC 125 mA max @ 12 VDC                                    |
| Read Range (Optimal)        |   |
| SWH-5000                    | Up to 76 mm (3 in)  |
| SWH-5100                    | Up to 102 mm (4 in)   |
| Read Time                   | Technology dependent (typically < 300 msec)                       |

<sup>1</sup> Pass-through — the default setting for the proximity readers which allows the reader to send all the data on the card.

<sup>2</sup> Fixed length — the reader can be configured to output a fixed length by padding or truncating data on the card.