

Model GX-100 AirSelectTM Gesture Sensor

Touchless Gesture Sensor with LED Feedback

The AirSelect gesture sensor is designed to provide a compact, multi-function control that recognizes up, down, left, right and hover hand movements that can be interpreted by an electronic device. It fits a standard 19mm hole commonly provided for push-buttons in a retail display. Touchless controls help prevent disease transmission in public spaces.

SHOWN 2XACTUAL SIZE



Functional Characteristics

- Compact stainless steel face infrared touchless control
- Prevents bacteria and virus transmission possible through touch
- Custom LED colors and behaviors are available

Inputs and Outputs

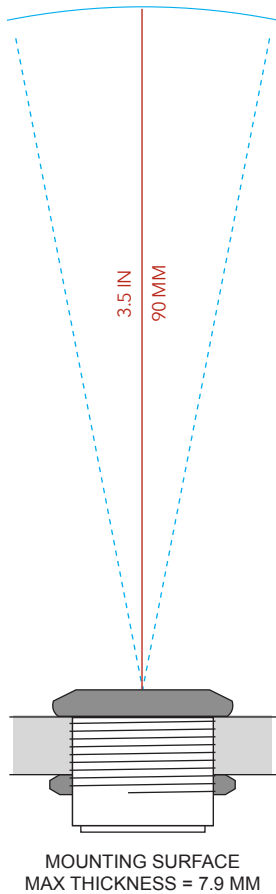
- Standard Inputs: 940nm IR Gesture Sensor
- Detection Distance: ~3.5" maximum
- Standard In/Out: 1x AirSelect RJ9 Port
- Indicators: 4x RGB color LEDs

Power Input Specification

- Power Entry Port: 1x AirSelect RJ9 Port
- Voltage: 5.0 VDC, + / - 0.2V
- No-Load Current: 25mA
- Maximum Load Current: 90mA

Mechanical Details

- Case Type: custom molded body for 19mm hole size
- Outer Diameter: 24mm
- Mounting Hole Diameter: 19mm
- Maximum Material Thickness: 5/16" (7.9mm)
- Weight: 8g (includes nut)
- CAD Drawing: available on request
- Spacing: gesture sensors on 6" centers or greater, proximity 3" or greater

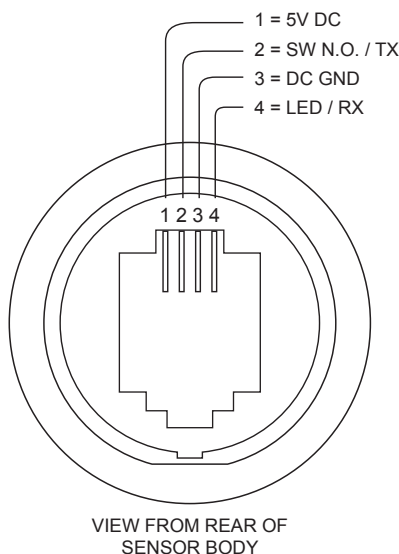


Firmware Details

- Automatically changes to Plus Mode when HX-200 host is detected
 - Plus Mode with gesture (requires HX-200)
 - Communicates serially to host device
 - Auto-acknowledge LED function enabled
 - Standby: blue fade loop
 - Cover: green fade out
 - Gestures up, down, left, right: red LED direction chase
 - Basic GPIO Mode (default mode)
 - Default LED color: white
 - Host GPIO device controls LED functions by driving LED (-) pin low
 - Presence indicated by switch pin driven low
 - Custom configurations available on request

Compatible Devices

- Model HX-100 AirSelect Hub
 - Basic Hub for proximity functionality only
 - Connects to host device via individual 4-conductor cables
- Model HX-200 AirSelect Hub
 - Provides advanced functionality including custom LED behavior
 - Connects to host via individual cables or serial connection



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