

HRC-01

Sensor remote controller | Lightweight | White color



Benefits

- Compact: Lightweight, comfortable in hand
- Versatile: Supports diverse function settings
- Convenient: LED indicators aid command recognition

Applications

- Remote control application
- Easy commissioning for many sensors in project
- Offices, Classrooms, Industry

Check Out the Complete System Solution on the Website:
<https://www.hytronik.com/product/HRC-01>



Product Description

Sleekly designed remote control for Hytronik sensor family products. Lightweight and ergonomically crafted for easy handling, it offers a multitude of features including ON/OFF control, Tri-level & Daylight harvest, scene setting, hold-time, auto/semi-auto, modes, detection range....etc. A tailored solution for effortless control and customization of the entire Hytronik sensor family.

HRC-01

Sensor remote controller | Lightweight | White color

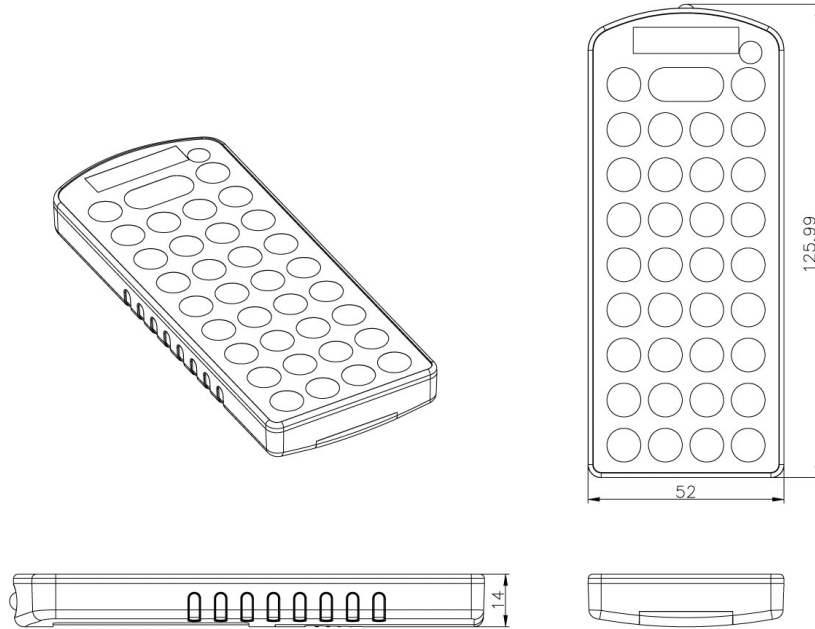
Specifications

Technical	
Product weight	36.0 g
Product height	14.0 mm
Product length	125.99 mm
Product width	52.0 mm

HRC-01

Sensor remote controller | Lightweight | White color

Technical Drawing



HRC-01

Sensor remote controller | Lightweight | White color

Commissioning Instructions and Precautions

A. Remote Control Setup

The configuration method for the remote control may differ depending on the product model. Please consult the specifications provided in the datasheet for the compatible product.

B. Control Range Notes

1. The maximum control range of this model can reach up to 10 meters.
2. Infrared communication may be degraded under direct sunlight due to solar interference. The detection distance and effective control range are also dependent on the installation position and orientation of the sensor's IR receiver. Back-facing orientations may result in reduced performance.

Warning: For additional important documents, including installation precautions, product guidelines, and guarantee conditions, please refer to the official downloads.

<https://hytronik.com/service/downloads>

HRC-01

Sensor remote controller | Lightweight | White color

Commissioning via Remote Control

Settings (Remote Control HRC-01)



	Press this button for temporary ON or OFF. When pressing "AUTO" button or when the fixture is re-powered, then the fixture status will revert back to sensor mode.
	Also known as presence detection / absence detection. In this mode, the light keeps ON in the presence, and dims down in the absence, and eventually switches off in the long absence.
	All settings goes back to DIP switches settings, or rotary switches settings, or
Scene mode	There are 6 scene modes fixed program built-in the remote control to choose for different applications, press buttons of detection range/hold-time/stand-by period/stand-by dimming level/daylight sensor to adjust the settings. The last setting stays in validity.
	Brightness dimming.
Detection range	Set detection range at 100% / 75% / 50%
Hold-time	Set hold-time period.
Test mode	This button is for testing purpose only. The sensor goes to test mode (hold-time is 2s) after commissioning, meanwhile the stand-by period and daylight sensor are disabled. * This mode can be ended by pressing "reset", or any button of "scene mode" and "hold-time". The sensor settings are changed accordingly.
8H permanent on mode	In some circumstances, people want to disable the sensor and keep the light on for a certain period of time, even there is no motion detected. This function is built-in the software and can be achieved by pressing the "8H" button on the RC. * Press "ON/OFF", "Auto Mode", "RESET" or "Scene mode" buttons to quit from this mode.
Stand-by time settings	Set stand-by time at 0s / 10s/ 1min/ 10min/5min /
Stand-by dimming level	Set stand-by dimming level at 10% / 20% / 30%

HRC-01

Sensor remote controller | Lightweight | White color

Options

Compatible products (for full functionality)



HIR01

PIR Lowbay | Daylight Harvest | RJ12 connector to control body

www.hytronik.com/product/HIR01



HIR01/FM

PIR Lowbay | Daylight Harvest | RJ12 connector to control body

www.hytronik.com/product/HIR01-FM



HIR01/AA

PIR Lowbay | Daylight Harvest | RJ12 connector to control body

www.hytronik.com/product/HIR01-AA