

HRC-12

Sensor remote controller | Lightweight | White color

HYTRONIK[®]
SENSORS & LIGHTING CONTROL



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-12>



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.

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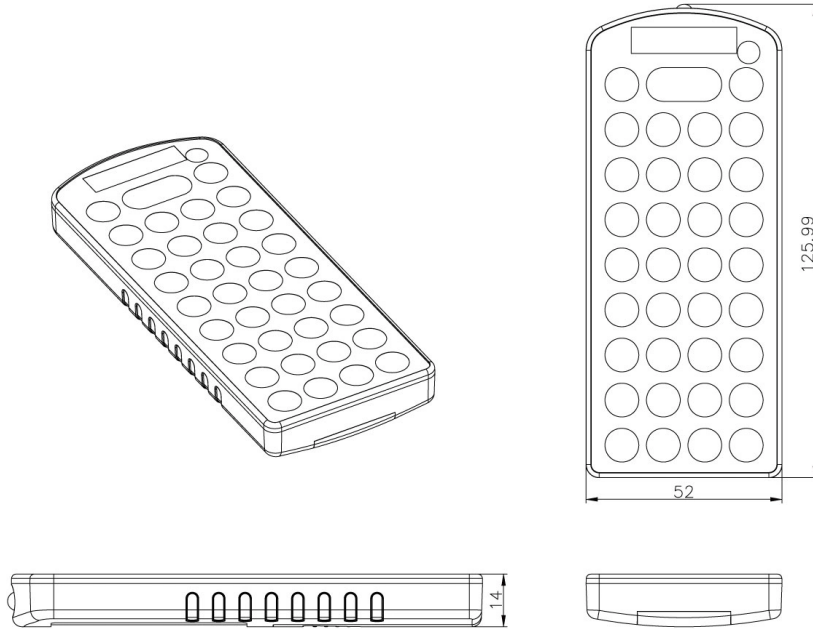
Specifications

Technical	
Product weight	40.0 g
Product height	14.0 mm
Product length	125.99 mm
Product width	52.0 mm

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Technical Drawing



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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

The maximum control range of this model can reach up to 15 meters. 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>




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Commissioning via Remote Control

Settings (Remote Control HRC-12)



	<p>All settings goes back to DIP switches settings, or rotary switches settings, or factory default settings.</p>
	<p>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.</p>
	<p>Also known as presence detection / absence detection. In semi-auto mode, the motion sensor is only activated on the manual press of push switch. The light keeps ON in the presence, and dims down in the absence, and eventually switches off in the long absence.</p>
<p>Hold-time</p>	<p>Set hold-time period.</p>
<p>Daylight threshold setting & Ambient lux sampling:</p>	<p>Set daylight threshold value 2 lux / 10 lux / 50 lux / 100 lux / 300 lux / 500 lux. Eye button: study the surrounding lux level and save it as the new</p>
<p>HF sensor detection range</p>	<p>Set detection range at 100% / 75% /50% / 10%.</p>

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Options

Compatible products (for full functionality)



HIR02/RC12

PIR Lowbay | ON/OFF | RJ12 connector to control body
www.hytronik.com/product/HIR02-RC12



HIR04/RC12

PIR Lowbay | ON/OFF | RJ12 connector to control body
www.hytronik.com/product/HIR04-RC12



HIR18

PIR Lowbay | ON/OFF | RJ12 connector to control body
www.hytronik.com/product/HIR18



HIR18/R

PIR Midbay | ON/OFF | RJ12 connector to control body
www.hytronik.com/product/HIR18-R



HIR28DCVFC

PIR Lowbay | Remote controller 48VDC ON/OFF | Ceiling mounting
www.hytronik.com/product/HIR28DCVFC



HIR28DCVFC/H

PIR Highbay | Remote controller 48VDC ON/OFF | Ceiling mounting
www.hytronik.com/product/HIR28DCVFC-H



HIR28DCVFC/R

PIR Lowbay | Remote controller 48VDC ON/OFF | Ceiling mounting
www.hytronik.com/product/HIR28DCVFC-R



HIR28DCVFC/W

PIR Lowbay | DALI 2CH with PSU and IR Controller | Ceiling mounting
www.hytronik.com/product/HIR28DCVFC-W



HIR28VFC

PIR Lowbay | ON/OFF and IR Controller | Ceiling mounting
www.hytronik.com/product/HIR28VFC



HIR28VFC/H

PIR Highbay | ON/OFF & VFC | Ceiling mounting
www.hytronik.com/product/HIR28VFC-H



HIR28VFC/R

PIR Lowbay | ON/OFF and IR Controller | Ceiling mounting
www.hytronik.com/product/HIR28VFC-R



HIR28VFC/W

PIR Lowbay | ON/OFF and IR Controller | Ceiling mounting
www.hytronik.com/product/HIR28VFC-W



HMW28/AA

HF Lowbay | ON/OFF | Adjustable Angle
www.hytronik.com/product/HMW28-AA



HMW28/PRO

True Occupancy | ON/OFF | Surface mounting
www.hytronik.com/product/HMW28-PRO



HMW28DCVFC/PRO

True Occupancy | ON/OFF DC Output VFC | Surface mounting
www.hytronik.com/product/HMW28DCVFC-PRO



HMW28VFC/PRO

True Occupancy | ON/OFF Volt-free Contact | Surface mounting
www.hytronik.com/product/HMW28VFC-PRO



SAM13/RC12/H

HF Highbay | ON/OFF | RJ12 connector to control body
www.hytronik.com/product/SAM13-RC12-H