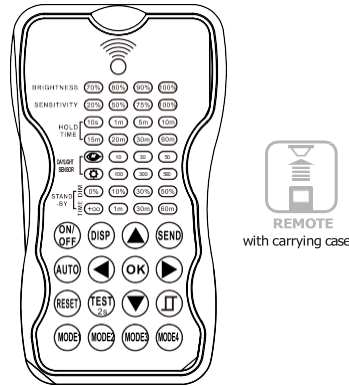


ELZVR Sensor Remote Programmer OPERATION INSTRUCTIONS

SPECIFICATIONS

Power supply	2 x AAA 1.5V battery, Alkaline preferred
Carrying case	RLPIR-Z-RC in carrying case
Upload range	Up to 15 m (50 ft.)
Op. temperature	0°C~50°C (32°F~122°F)
Dimensions	123 x 70 x 20.3 mm (4.84" x 2.76" x 0.8")



WARNING

Remove the batteries from compartment if the remote will not be used in 30 days.

OVERVIEW

The remote control Wireless IR Configuration Tool is a handheld tool for remote configuration of IR-enabled fixture integrated sensors. The tool enables device to modify via pushbutton without ladders or tools, and stores up to four sensor parameter modes to speed configuration of multiple sensors.

The remote control send sensor setting at mounting height up to 15m. The device can display previously established sensor parameters, copy parameters and send new parameters or store parameter profiles. For projects where identical settings may be desired across a large number of areas or spaces, this capability provides a streamlined method of configuration. Settings can be copied throughout a site, or in different sites.

LED INDICATORS

LED	DESCRIPTION	LED	DESCRIPTION
BRIGHTNESS	High end trim turning function(To Set the output level of connected lighting during occupancy)		To select the current surrounding lux value as the daylight threshold. This feature enables the fixture to function well in any real application circumstances.
SENSITIVITY	To set the occupancy sensing sensitivity of the Sensor		The daylight sensor stops working, and all motion detected could turn on the lighting fixture, no matter how bright the natural light is.
HOLD TIME	The time that the Sensor will turn off(if you choose stand-by level is 0) or dim the light to a low level after the area is vacated	STAND-BY DIM	To set the output level of connected lighting during vacancy. The sensor will regulate the lighting output at the set level. Setting the STAND-BY DIM level at 0 means light full off during vacancy.
DAYLIGHT SENSOR	To represents various thresholds of natural light level for the Sensor .	STAND-BY TIME	To represents the time that the Sensor will keep the light at low dim level after the HOLD TIME elapsed.

BUTTON OPERATION

BUTTON	DESCRIPTION	BUTTON	DESCRIPTION
	Press the ON/OFF button, the light goes to permanent on or permanent off mode, and the sensor is disabled. (MUST press AUTO button to quit this mode for Setting.		Press AUTO button, the sensor starts to function and all settings remain the same as the latest status before the light is switched on/off.
	Display the current/latest setting parameters in LED indicators(the LED indicators will on for showing the setting parameters).		The button TEST is for testing purpose sensitivity only. after you choose sensitivity thresholds, then you press TEST button, The sensor goes to test mode(hold time is only 2s) automatically , meanwhile the stand-by period and daylight sensor are disabled. Press AUTO button to quit from this mode.
	Press RESET button, all settings go back to settings of dip Switch in sensor.		
	Enter in the setting condition, the parameter leds of remote control will flash to be selected. and Navigate to UP and Down for choose selected parameters in LED indicators.		Navigate to LEFT and RIGHT for choose selected parameters in LED indicators.
	Confirm the selected parameters selected parameters in remote control.		
	Press SEND button, to upload the current parameters to sensor(s), the led light to which the sensor connects winks on/off confirming.		Open and close smart daylight Sensor. Press Enter in the setting condition, the parameter leds of remote control will flash to be selected, Press for open or close smart daylight Sensor.
	4 Scene modes with preset parameters which are available to be changed and saved in modes.		

SETTING

The SETTING Content contains all available settings and parameters for remote sensors. It allows you to change the parameters, and operation of the sensor from factory default or the current parameters.

Change multiple settings of sensor(s)

1. Press **DISP** button, the remote control LEDs will show the latest parameters you set.

NOTE: if you push before, you must push to unlock the sensor.

2. Press to enter the setting mode, the parameter LEDs on remote control will flash when selected, navigate to the desired setting by pressing to select the new parameter.
3. Press ok to confirm all setting and saving.

4. Aim at the target sensor and press to upload the new parameters, the led light which the sensor is installed in will flash on/off as confirmation.

NOTE: The setting functions by pushing either , to enter the setting mode.

NOTE: The led light which the sensor is installed to will flash on/off to confirm receiving the new parameters.

NOTE: If you press , the remote LED indicators will show the latest parameters which were sent

Change multiple setting of sensors with smart photocell sensor activated

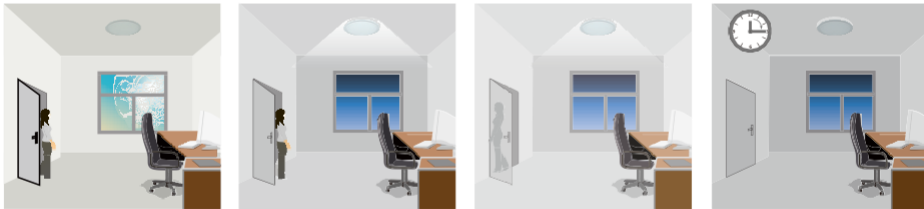
1. Press **DISP**, the remote led indicators will show the remotes current saved parameters.
2. Press **▲** or **▼** enter in the setting mode, the Parameter LED indicators of remote control will flash to show what is currently selected, and allow for re-programming of the parameters.
3. Press **□**, 2 led indicators will flash in daylight sensor settings, select daylight **10** **30** **50** as setpoint to light on Automatically, select daylight **100** **300** **500** as setpoint to switch the light off automatically.
4. Press **OK** to confirm all settings and save.
5. Aim at the target sensor and press **SEND** to upload the new parameters. The LED light which the sensor is installed in will flash on and off.

NOTE: **□** is disabled by default.

1. Activate or deactivate daylight sensor by pushing **□** with the remote control is in setting mode.
2. When the smart daylight sensor is active, 2 Led indicators will flash in daylight setting. Select daylight **10** **30** **50** as setpoint to switch on the light, select daylight **100** **300** **500** as setpoint to turn off the light. When smart daylight sensor is off, 1 LED indicator will flash in the daylight sensor settings to allow you to choose the daylight sensor threshold.
3. When the smart daylight sensor is on, the stand-by time is only **+∞**.
4. Smart daylight sensor can be used in place of an independent outdoor daylight sensor.
5. See **Daylight Sensor Function**.

Corridor Function

This function enables the motion sensor to be set in two stage dimming mode, for areas which require a lower light level before switching off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is too low)-->off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



With sufficient natural light, the light does not switch on when presence is detected.

With insufficient natural light, the sensor switches on the light automatically when presence is detected.

After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.

Light switches off automatically after the stand-by period elapses.

Activate daylight sensor by pushing **□** when remote control is in setting condition.

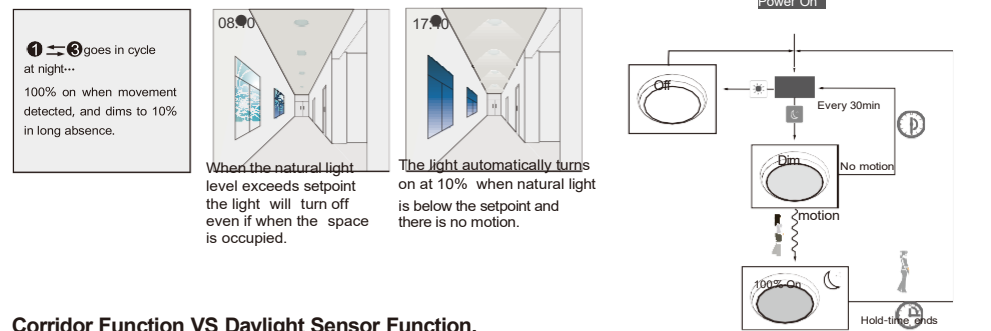


The light switches on at 100% when there is movement detected.

The light dims to stand-by level after the hold-time.

The light remains in dimming level at night.

Settings on this demonstration:
Hold-time: 30min
setpoint to light on: 50lux
setpoint to light off: 300lux
Stand-by Dim: 10%
Stand-by period: +∞
(when the smart photocell sensor open, the stand-by time is only +∞)



Corridor Function VS Daylight Sensor Function.

1. In corridor mode, in order to turn on the light the natural light level must be lower than the daylight sensor and occupancy setting. In smart daylight sensor mode, in order to turn on the light the natural light level must be lower than the daylight setpoint to switch the light on even if the area is vacant.
2. In corridor mode, turn off the light by stand-by time once the area is vacant. In smart daylight sensor mode, turn off the light by natural light level when it is higher than the daylight setpoint to switch the light off even if the area is occupied.
3. In smart daylight sensor mode, if the natural light level is higher or lower than the daylight setpoint to switch the light on or off there will be a delay of at least 1min, and then the light will turn on or off automatically.

About RESET and MODE(1,2,3,4)

The remote control comes with 4 Scene MODES which are not default. You may make desired parameters and save as the new MODE(1,2,3,4) to configure the installed sensors.

RESET: all settings go back to settings of DIP Switch in sensor.

SCENE MODES(1 2 3 4)

Application	Scene Options	Brightness	Detection Area	Hold Time	Stand-by Time	Stand-by Dim Level	Daylight Sensor
Indoor	Mode 1	100%	75%	5min	30min	30%	
Indoor	Mode 2	100%	75%	1min	+∞	30%	
Indoor	Mode 3	100%	75%	5min	30min	30%	30LUX
Outdoor	Mode 4	100%	75%	1min	+∞	30%	□ (30LUX/300LUX)

Change the MODES:

1. press **MODE1**, **MODE2**, **MODE3**, **MODE4** button, the remote control LED indicators will show the existing parameters.
2. press **▲**, **▼**, **◀**, **▶** to select the new parameters.
3. Press **OK** to confirm all parameters and saving in the mode.

UPLOAD

The upload function allows you to configure the sensor with all parameters in one operation. You may select CURRENT SETTING parameters or the MODE for uploading. Current setting parameters or the MODE are displayed in Remote control.

Upload the current parameters to sensor(s), and duplicate the sensor parameters form one to another

1. Press **DISP** button or press **MODE1**, **MODE2**, **MODE3**, **MODE4**, all parameters are displayed in Remote control.

Note: check if all parameters are correct, if not, change them.

2. Aim at the sensor and press **SEND** button, the light that sensor is installed in will flash on/off.

Note: if other sensors need the same parameters, aim at the sensor and press **SEND** button.