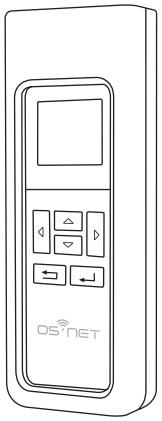
SRP-281

OS-NET Remote Programmer

OPERATION INSTRUCTIONS



w/rubber housing

SPECIFICATIONS

Power supply	2 x AAA 1.5V battery, Alkaline preferred
Rubber housing	SRP-281 must be installed in housing
Display unit	128 x 96 dot matrix LCD
Communication	940 nm Infrared Tx & Rx
Upload range	Up to 10 m (33 ft.)
Download range	Subject to the type of sensor applied
Uploading time	Approx. 6 sec.
Downloading time	Approx. 10 sec.
LCD auto-off time	Approx. 1 min.
Op. temperature	0°C~50°C (32°F~122°F)
Dimensions	130 x 50 x 21 mm (5.1" x 2" x 0.8")

⚠ WARNING

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

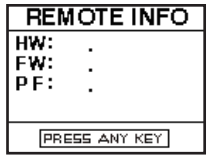
OVERVIEW

The SRP-281 is a 2-way IR remote programmer designed for configuring the OS-NET wireless lighting control solution. This handheld programming tool not only allows you to upload/download all settings of OS-NET network and devices, but also turn on/off the individual/group lighting controlled by the OS-NET sensor via simple and intuitive operation.

KEY DESCRIPTIONS

KEY		FUNCTION
△	UP	• Enter into UPLOAD page • Select the setting bar (up)
▽	DOWN	• Enter into DOWNLOAD page • Select the setting bar (down)
◁	LEFT	• Turn the light ON (auto-off) • Change setting (decrease)
▷	RIGHT	• Turn the light OFF manually • Change setting (increase)
↵	ENTER	• Confirm the command • Upload setting to device
⮌	BACK	• Select individual/group on/off • Back to previous page

BASIC OPERATION

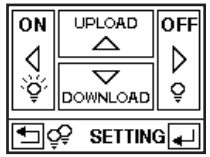


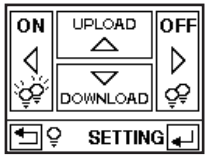
Before operating the SRP-281 Remote Programmer, ensure the batteries are correctly placed in the compartment. Press any key, the MAIN MENU will be displayed for your operation.

Note:

- Peel off screen protective film before use.
- The LCD will automatically shut off 1 minute after the last key operation to save battery power. Pressing any key will wake up the LCD. Replace the batteries if “low battery” sign appears after LCD wake-up.
- To avoid changing the setting of devices nearby, always execute upload and download operations right under the target sensor.

MAIN MENU





- To enter into SETTING pages, press ↵
- To conduct UPLOAD operation, press △
- To conduct DOWNLOAD operation, press ▽
- To swap individual or group control, press ⮌
- To turn off the light, aim at the device and press ▷
- To turn on the light*, aim at the device and press ◁

*OS-NET will resume control after the delay time elapsed.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

www.irtec.com P/N: 058-28100-006 Printed in Taiwan

SETTING

The SETTING pages allow you to setup group link, device control, save/recall and lock/unlock the settings of OS-NET devices.

UPLOAD

The UPLOAD function allows you to configure all settings of the devices via simple button operation. You may select CURRENT SETTING or any EZ-SET profile for uploading. Select CURRENT SETTING means to upload the current settings of all available setting items.

DOWNLOAD

The DOWNLOAD function allows you to read the group assigned, device setting, current dim, and current lux from an installed sensor, while you can also obtain basic product information of the remote, device, and network.

ON/OFF CONTROL

Press the LEFT/RIGHT key while aiming the remote toward an OS-NET device will allow the user to turn the controlled lighting ON/OFF in individual or group basis. Pressing the BACK key will swap the control in individual (one lamp) or group (two lamps) basis.

This document provides only brief introduction of SRP-281 operation, for more detailed operation about device setting, please refer to the OS-NET Programming Guide available from www.irtec.com.

Programming Guide

SETTING ITEMS

The table below highlights all setting items and options available on the SRP-281. Due to different functionality, certain settings and options may not be applicable on specific OS-NET device. N/A will be displayed to indicate not-applicable settings and options. For available settings of specific device, please refer to the respective installation instruction.

NOTE: For OS-NET Button, only the setting items under GROUP-LINK are applicable.

Setting	Item	Description	Options
GROUP LINK	**EZ-GROUP**	Easy group assignment to all OS-NET devices.	4 x MBR OF GROUP
	ADVANCED	Setting special control, such as pre-lighting or directional guide lighting.	TRANSMITTING/RECEIVING
	UNGROUP	Disengage the device from the network connected.	
DEVICE	**INDIV-SET**	To set the sensing control scheme in individual basis.	
	GROUP-SET	To set the grouped devices with same control schemes and parameters.	
	CONTROL	Available sensing control schemes of OS-NET sensor and OS-NET power pack.	ON/OFF, OSO, OSLA, OSLATO, DSVM, DSC, VSC, OSB, OFF, PLC
	AMBIENT LUX	Thresholds of ambient light level for OS-NET sensor to execute control.	10/20/40/60/80/200/400/600/1000/2000/DISABLED/ CURRENT
	DELAY	Time that the sensor/power pack will turn off or fade down the controlled light after the area is vacated.	30 sec./1/3/5/10*/15/20/30/60 min.
	TIME OFF	Time that sensor will keep the light at low dim level after the DELAY time elapsed. Only available with the OSLATO control.	10/30 sec./3/5/10*/15/20/30/45/60 min.
	HIGH DIM	The output level set to control the light during occupancy, or when ambient light is lower than the threshold if daylight sensing control scheme is selected.	50/55/60/65/70/80/90/100% SmartDIM
	LOW DIM/ SmartDIM	Low dim is the output level set to dim the light when space is vacant. This setting will become SmartDIM bar if SmartDIM control is selected.	0/5/10/15/20/25/30/40%
	RAMP UP	The speed of lighting output increase.	INSTANT/SOFT/SLOW
	FADE DOWN	The speed of lighting output decrease.	INSTANT/SOFT/SLOW
	DALI POWER	Enable/disable the sensor to provide DALI bus power. NOTE: Only available on DALI sensors.	ENABLED/DISABLED
	LED INDICATOR	Enable or disable the LED indicator of OS-NET devices.	ENABLED/DISABLED
	VM-TB	Time duration BEFORE Virtual Midnight. Only available if DSVM is selected.	0.5/1/1.5/2/2.5/3/3.5/4/4.5/5/5.5/6 hour
	VM-TA	Time duration AFTER Virtual Midnight. Only available if DSVM is selected.	0.5/1/1.5/2/2.5/3/3.5/4/4.5/5/5.5/6 hour
	SENSITIVITY	Occupancy sensing sensitivity. To disable the occupancy sensing capability, select OFF.	HIGH/NORMAL/LOW/OFF
	ON DELAY	Delay time to turn on the load after detecting the presence of occupant. This setting is reserved for HVAC control, N/A for lighting.	N/A
	BURN-IN	Time duration for burn-in test. To conduct the burn-in test with uncertain duration, select MANUAL.	STOP/12/24/48/72/96HR/MANUAL
	TEST (10-MIN)	Sensor will control the light as the scheme set, but with 10 seconds delay. Automatic exit to resume normal control after 10 minutes.	STOP/START
	DEFAULT	Resume factory default settings of the REMOTE or DEVICE.	REMOTE/DEVICE
LOCK/ UNLOCK	**LOCK**	Close the network to inhibit OS-NET setting change.	
	UNLOCK	Open the network to allow OS-NET setting change.	
	AUTO LOCK	Automatically lock the network 12 hours after created.	ENABLED/DISABLED
SAVE/ RECALL	**SAVE AS**	Save the settings as an EZ-SET profile for future use.	EZ-SET 1, 2, 3, 4
	RECALL	Recall an EZ-SET profile saved in the remote.	DEFAULT/EZ-SET 1, 2, 3, 4