

# SRP-280 TRANS Sensor Remote Programmer

## Indoor

The SRP-280 is a universal two-way remote programming device designed to provide easy configuration of the remote programmable TRANS sensors from IR-TEC. This handheld programmer not only allows you to configure the sensors, but also download the current settings of the installed sensor from the floor via intuitive keypad operation. The remote does away the need for ladders, scissor lifts, bucket trucks or any other tools.



### Features

- Exceptionally long range 2-way communication
- Intuitive operation makes commissioning faster
- Upload and download status acknowledgement
- Easy to duplicate one sensor setting to another
- Set SmartDIM level to deliver optimum lighting
- Capable of reading the current dim output level
- Set ambient light level for daylight harvesting
- Set high/low dim level output for bi-level control
- EZ-SET profiles enable setting multiple sensors
- Various time settings for burn-in and operation
- Rubber jacket provides superb drop protection



### Operation

A bi-directional infrared optical communicator enables not only uploading the new setting parameters to the sensor, but also downloading the current settings and dim level output from the sensor. Up to 4 EZ-SET and an additional default profile can be recalled, modified and saved for quick setting of multiple sensors with identical parameters.

In addition to sensor programming, the SRP-280 can also be used as a typical remote to control local lighting manually. This device not only makes ladder-free sensor and control parameters setting possible, but also provides an easy way to verify conformity with design intent. It is operated by two AAA batteries, with easy to follow instruction on the LCD screen.

### Settings

The SRP-280 can program applicable settings of any remote programmable TRANS sensor, including control mode, ambient light level, OFF delay, Time Off delay, high/low dim level, SmartDIM level, ramp-up/fade-down speed, sensitivity, burn-in time, test mode, save and recall EZ-SET profiles, factory default reset...etc.



### Upload

The SRP-280 can easily upload control parameters to a single or multiple sensors through easy, intuitive keypad operation. To upload the sensor with new settings, just select the available parameters on the remote, go to the UPLOAD page, aim the remote toward the target sensor, press the "ENTER" key and hold for uploading completed. Once the program is completely uploaded to the sensor, the LCD will display message, and the connected light will flash to acknowledge the upload completion.

### Download

To download the current settings, just enter the DOWNLOAD page, aim the SRP-280 at the sensor and hold to receive the data from sensor after pressing the "ENTER" key. The LCD will display message to acknowledge the download status. All current settings will be displayed on the LCD after the download is completed.

### Specifications

<b>Power Supply</b>	2 x AAA 1.5V battery, Alkaline preferred
<b>Display Unit</b>	128 x 96 dot matrix LCD
<b>Communication</b>	840 nm Infrared Tx & Rx
<b>Upload Range</b>	Up to 33 ft (10 m)
<b>Download Range</b>	Subject to the type of sensor applied
<b>Uploading Time</b>	6 sec
<b>Download Time</b>	10 sec
<b>LCD Auto-off time</b>	1 min
<b>Op Temperature</b>	0°C ~50°C
<b>Dimensions</b>	5.1" x 2" x 0.8"

**Configuration**

Settings	Description
CONTROL	The mode that the sensor will control the light.
AMBIENT LUX	The ambient light level that sensor will perform the control.
OFF DELAY	The delay time that sensor will turn off or dim the light
TIME OFF	The delay time that sensor will keep the light at low dim level after the OFF delay time elapsed.
HIGH DIM	The output level set to control the light during occupancy, or when ambient light is below the threshold for daylight sensor.
LOW DIM	The output level set to control the light when the space is vacant, or when ambient light is above the threshold for daylight sensor. Low dim setting will be disabled if sensor is operating in SmartDIM control.
RAMP UP	The speed of increasing the lighting output to HIGH DIM level.
FADE DOWN	The speed of decreasing the lighting output to LOW DIM level or off.
VM-TB	Set the duration before Virtual Midnight. Only available with Daylight Sensor.
VM-TA	Set the duration after Virtual Midnight. Only available with Daylight Sensor.
SENSITIVITY	Set the sensitivity of occupancy sensor.
ON DELAY	The delay time that sensor is set to turn on the load after occupant is detected or after the ambient light is below set threshold for daylight sensors. Not applicable for lighting control occupancy sensors.
BURN-IN	Set the duration for burn-in test. To conduct the burn-in test with uncertain duration, select MANUAL.
TEST (10-MIN)	The sensor will control the light as the mode selected and parameters configured, but with shorten delay times (10 seconds) for testing and function verification. Sensor will automatically return to its normal control after 10 minutes or whenever STOP command is given.
SAVE AS	Save the settings as an EZ-SET profile for future use.
RECALL	Recall the EZ-SET profile saved.
DEFAULT	Resume the factory default settings for REMOTE or SENSOR.
DEVICE INFO	Call out the information of REMOTE or SENSOR.

## 10 Year Warranty

ATG Electronics®  
Industry Leading 10 Year Limited Warranty  
For North American LED Lighting Fixtures

ATG Electronics warrants to the original purchaser of ATG Electronics Domestic LED products listed above that were manufactured for which the ATG Electronics Spec Sheet located on our website contains the words "10 year limited warranty" that, subject to the below terms and conditions of this warranty, when such LED products are properly installed they will comply with ATG Electronics published product specifications for such products and will be free from material defects in material and workmanship for a period of ten (10) years from the date of sale by ATG Electronics, or, if lesser, 50,000 hours of operation (at an average of 13.6 hours per day operation). The LED arrays in the Product(s) will be considered defective in material or workmanship only if a total of 15% or more of the individual light emitting diodes in the Product(s) fail to illuminate.

The above express limited warranty is extended by ATG Electronics® only to the original or first end-user purchaser and only for the original installed location. This warranty only applies to products purchased after June 1, 2017. This warranty is non-transferrable, whether by assignment or operation of law. The original purchaser must provide warranty claims to ATG Electronics within the warranty period promptly upon discovery and in accordance with ATG Electronics Return and Repair Procedures as outlined within this document.

Should any defects be found by ATG Electronics upon its inspection of the properly returned product, ATG Electronics sole responsibility and liability under this warranty will be, at its option, to either repair or replace the defective part or parts or else make available a new replacement unit that will provide equal or better performance. All decisions regarding the existence or non-existence of defects or otherwise affecting the warranty shall be made by ATG ELECTRONICS and shall be final and binding on all parties. Where a defective LED product is replaced under this warranty, the balance of the original warranty period shall remain effective.

### Conditions and Exclusions

This warranty is conditioned upon proper installation, use and maintenance. This warranty will automatically become null and void and shall not be applicable to any LED fixture which (i) has not been timely paid for, (ii) is not installed and operated in accordance with the current edition of The National Electric Code (NEC), the Standards for Safety of Underwriters' Laboratory, Inc. (UL) or with ATG Electronics instructions and guidelines, (iii) has been moved from its original installation, (iv) has been installed within an area that has exposure to sulfur or any area with high acidic compounds in use, (v) has been operated in an ambient temperature or humidity that is higher than 35 degrees Celsius, (vi) has been subjected to a lightning strike, power surge or overvoltage condition, (vii) has its LED Board subjected to static electricity due to failure to discharge same prior to connecting or disconnecting the lead from the LED board, (viii) was not installed and/or operated in accordance with ATG Electronics instructions and guidelines, (ix) has been mishandled, misused, abused, tampered with, modified or altered by anyone other than ATG ELECTRONICS, (x) has been subjected to abnormal stresses and operating conditions, or (xi) has been operated without overvoltage and lightning protection devices in place.

### Limitations

#### Disclaimers & Limitations of Liability

The foregoing warranty is exclusive of all other statutory, written or oral warranties and no other warranties of any kind, statutory, by operation of law or course of performance, or otherwise, are given, herein expressed or otherwise received. EXCEPT AS EXPRESSLY PROVIDED ABOVE, ATG ELECTRONICS DISCLAIMS ALL REPRESENTATIONS, WARRANTIES AND CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED, REGARDING THE LED PRODUCTS AND ITS SERVICES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE.

LIMITATION OF LIABILITY. Other than the obligation to repair or replace as provided above, ATG Electronics shall have no liability for any losses, expenses or damages as a result of the installation, use, inability to use, removal or replacement of any LED product. ATG Electronics will not under any circumstances whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise be liable for consequential, incidental, special or exemplary damages including but not limited to, loss of profits or revenues, loss of any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities or services, down time cost or claims of claimant's customers. ATG Electronics liability on any claim of any kind for any loss or damages arising out of, resulting from or concerning any LED product, any aspect of this warranty or for any products or services furnished hereunder shall not exceed the price of the fixture which gives rise to the claim.

### Return and Repair Procedures

All warranty requests and or questions are to be directed to ATG Electronics Customer Service Department (CSD) at 888-618-7298. If deemed necessary, the CSD will issue a Returned Merchandise Authorization (RMA) number which must be included on both the packing slip of the component or fixture being returned and on the outside of the box. You must include your name and contact information, including your email address, on the packing slip so that we can contact you easily. Each component or fixture must be packaged very carefully and properly so as to prevent damages in shipment and must be shipped freight prepaid. Please obtain a proof of delivery to ensure that the material is received.

Once the component or fixture has been received and tested, an evaluation report will be provided to the end user via email. This report will clarify the following:

- A) The component / fixture is covered under the warranty policy and will either be repaired or replaced.
- B) The component / fixture is not covered under the warranty policy and the reason for this determination.

If ATG ELECTRONICS determines that the component or fixture is covered under the warranty, then the appropriate repairs will be started or a replacement fixture will be manufactured and shipped. Please note that in the event the returned component or fixture is found not to be covered under this warranty, you may be subject to a labor charge for the evaluation process and will be responsible for all return shipping charges and fees. For components and fixtures determined to be covered under this warranty prior to the first anniversary of the Sale Date, the repaired or replacement component or fixture will be returned to you at no charge. You will be responsible for all other shipping charges.

### No Labor Reimbursement

All components and fixtures determined to be covered by this warranty as provided above, will be repaired or replaced at no charge to the customer, however, except as expressly provided above with respect to recessed and linear fixtures during the first year, the customer must hire and pay for an electrician to remove and reinstall such components and fixtures. No labor costs will be covered for the removal or reinstallation of any components or fixtures. The warranty does not cover modifications, repairs or replacements, or the related labor or materials costs, that may be necessary to facilities or third party products in connection with the removal, repair, or replacement of any LED product under this warranty.