



# HS-DTA19+ Smart LED Light Bulb

## INTRODUCTION

Thank you for your purchase of a HomeSeer Smart Light Bulb HS-DTA19+. Please use this quick-start guide to add the bulb to your Z-Wave network. You can download the complete user manual at this web address: <http://www.homeseer.com/support-home.html>

**WARNING:** RISK OF FIRE, ELECTRICAL SHOCK & BURNS | NOT FOR EMERGENCY LIGHTING | DO NOT USE WITH MEDICAL AND LIFE SUPPORT INSTRUMENT | No user serviceable parts are in this module

## Z-WAVE NETWORK INCLUSION

**Step 1:** Turn off power to the light bulb socket of your preferred location.

**Step 2:** Screw the Smart Bulb into the socket

**Step 3: For HomeSeer users: Option 1** (recommended): Run Z-Tool+ on your mobile device, press the “Add Device Button” and then proceed to Step 4. **Option 2:** Open your HS3 web GUI, navigate to Z-Wave controller management and click “add device” from the actions menu, then proceed to step #4.

**If you are not using HomeSeer, place your network controller into inclusion mode by following the controller manufacturer's instructions.**

**Step 4:** Turn on power to the socket after promoted by your network controller inclusion mode. The Smart Bulb will be included into your network within 30 seconds. The smart bulb will flash 2 times after Inclusion is successful. If you are using HomeSeer, check the Z-Tool+ screen or the web interface screen for progress information. If the inclusion process fails, repeat the procedure.

**Note:** If Inclusion still fails after the 2<sup>nd</sup> attempt, you will need to first RESET the Smart Bulb by following the procedure in the **Z-WAVE NETWORK EXCLUSION** section below before repeating the above steps. You may also need to temporarily position the Smart Bulb closer to your controller to include it. Once included, you may move the bulb back to its permanent location.

**If none of the above procedures work, you may reset the bulb to its factory defaults:**

**Manually Reset** – Flick the wall switch “OFF-ON” cycle 4 times within 4 seconds (Turn OFF and turn ON will be counted as 1 “OFF-ON” cycle). The Smart Bulb will flash twice after Reset is successful. Use this procedure only in the event that the network primary controller is lost or otherwise inoperable.

## BASIC OPERATION

The Smart Bulb can be controlled ON/OFF/BRIGHT/DIM wirelessly with HomeSeer, a Z-Wave remote controller or through a gateway via an app on a smart phone, tablet, or a PC. Depending on the capability of your controller/gateway, once the Smart Bulb has been added to your network, you may assign it to a Group or Scene and change its status via your controller/gateway.

## ASSOCIATION

The Smart Bulb supports Group 1 with up to five devices for lifeline communication. Group 1 must be assigned the Node ID of the controller to which unsolicited notifications will be sent. HomeSeer will set this association automatically after inclusion, other Z-Wave Plus controllers should do this also. Lifeline association only supports the “manual reset” event. Please refer to the instructions manual of your remote controller or gateway for detail procedures on how these function can be set.

## Z-WAVE NETWORK EXCLUSION

**By controller - The Smart Bulb can be excluded from your network by your controller/Gateway.**

1) With a HomeSeer system using Z-Tool+, click the Red *Remove Device* button and then power off the

bulb, then back on again. Watch the screen for a success message. If you are using the HomeSeer web interface, select the Plug-ins menu, then *Z-Wave*, then *Controller Management*. From the Actions drop list select *Remove/Exclude Node*, then click *Start*.

- 2) If not using HomeSeer, initiate the Z-Wave device remove procedure on your controller then power the bulb off, then back on. Please refer to your controller/gateway instructions manual for details.
- 3) The Smart Bulb will flash twice to confirm that it has successfully been excluded from your network.

#### **To manually force the bulb to be excluded from the network:**

- 1) The Smart Bulb can be excluded manually by flicking the wall switch "OFF-ON" cycle 4 times within 4 seconds (Turn OFF and turn ON will be counted as 1 "OFF-ON" cycle). The bulb will flash twice after Reset is successful. Use this procedure only in the event that the network primary controller is lost or otherwise inoperable.

#### **Dim level when the Smart LED Light Bulb is turned ON**

You may select the Dim level whenever the light is turned back ON to be either full brightness (100% dim level) or be the same as the last dim setting when the light was previously ON.

**Parameter 1** Length: 1 Byte, Valid Values: 0 or 1 (default = 0) | When value = 0, the brightness level will be resume to full brightness when the Smart Bulb is turned ON every time. When value = 1, the brightness level will maintain same dim level as the last setting when the Smart Bulb is turned ON again.

#### **MANUALLY TURNING ON or OFF THE LIGHT SWITCH**

When you want to manually turn ON the Smart Bulb whenever it is turned OFF by a program or a remote control, flick the switch twice. The first flick will cut power to the light and the 2<sup>nd</sup> flick will turn ON the light. You may manually switch OFF the light bulb while keeping the Smart Bulb online in the network and function as a Z-Wave signal repeater to maintain proper mesh network. The function can be activated by flicking the wall switch "OFF-ON" cycle two times within two seconds. In other words, flick the switch four times (OFF-ON-OFF-ON). The Smart Bulb light will be OFF while it maintains the function as a Z-Wave signal repeater and remains online to be turned ON by program or by an app wirelessly.

#### **IMPORTANT NOTE:**

Please note that it is extremely important to follow the above practice or to use ONLY your preferred wireless remote control device to turn ON or OFF the light. Without the electrical power to the light bulb, the Smart Bulb cannot be turned ON remotely nor function as a signal repeater to maintain proper Z-Wave network.

#### **SPECIFICATIONS**

Model: HS-DTA19+ | Input power: 120 VAC, 60 Hz. | Brightness: 750 lumens (Equivalent to 60Watt incandescent light bulb) | Power Consumption: 9W | Color Temperature: 2700K | Bulb Lifetime: Approx. 25,000 hours (Equivalent 22.8 years based on 3 hrs/day) | Radio frequency: 908.42 MHz | Wireless range: up to 100 ft line of sight between the controller and the other available nodes. | Normal operating temperature: 77°F (25°C) | FOR INDOOR USE ONLY

#### **WARRANTY**

HomeSeer warrants to the original purchaser of this product that for the warranty period, this product will be free from material defects in materials and workmanship. The foregoing warranty is subject to the proper installation, operation and maintenance of the product in accordance with installation instructions and the operating manual supplied to customer. Warranty claims must be made by customer in writing within 30 days of the manifestation of a problem. HomeSeer's sole obligation under the foregoing warranty is to repair, replace or correct any such defect that was present at the time of delivery, or to remove the product and to refund the purchase price to customer. The warranty does not extend to consequential or incidental damage to other products that may be used with this product. For inquiry and customer service, email to [sales@homeseer.com](mailto:sales@homeseer.com). Warranty period: limited 1 year from date of purchase.