

# e\*Tag® ET4-AUS-D-VCP Installation Instructions

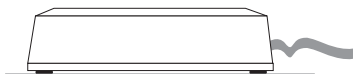
The e\*Tag® ET4-AUS-D-VCP USB Desktop Reader/Writer is designed to work with custom software applications developed by original equipment manufacturers and systems integrators. e\*Tag® technology allows the host system to read and write to a contactless smart card or tag (also called an HF RFID Transponder), and to store data on the card or tag for one or more applications. This 13.56 MHz unit communicates with a wide variety of open standard cards or tags, including:

- Secura Key e\*Tag®
- TI HF-1
- Philips iCode SLI
- ST-Micro LRI 512 and 2kBit
- Infineon My-D and My-D Lite

Contact Secura Key for communications protocol and developer information.

## **INSTALLATION STEPS FOR READER:**

The e\*Tag® ET4-AUS-D-VCP Desktop Reader/Writer is designed to connect to a PC or other microcontroller equipped with a standard USB port. The USB port powers the reader, so no external power supply is required. Driver software is required to install the reader on a Windows PC. When the reader is plugged into a Windows PC, the LED on the reader will flash Amber, Green, then Red, and then the LED will go out. Windows will display the following prompt: "Found New Hardware – USB Device." Then Windows will display the "Found New Hardware Wizard." At this point you will need to install the correct software driver for your PC's operating system, and follow other steps to configure the Virtual COM Port. Contact your dealer for more information, or visit [www.securakey.com](http://www.securakey.com) and click on Downloads.



## **SPECIFICATIONS:**

### **POWER REQUIREMENTS**

5VDC

USB Port Power

### **INPUTS & OUTPUTS**

LED Bicolor (Red/Green)

Controlled by Host

BUZZER

Controlled by Host

Max. Cable Distance

12 ft. (3.65 m.)

A 5ft. (1.52 m.) cable is supplied

### **ENVIRONMENT**

Ambient Temperature

-35° to 70°C (-31° to +158°F)

Humidity

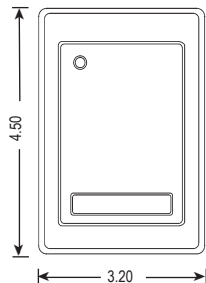
0 to 95% non-condensing

### **COMMUNICATIONS**

USB:

Obtain protocol from:

[www.securakey.com/docs/rfid\\_tech.html](http://www.securakey.com/docs/rfid_tech.html)



# INSTRUCTION TO THE USER

## FCC ID: NNHETAGS4

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 or more of the following measures:

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

This equipment has been certified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of the manufacturer could void the user's authority to operate this equipment.

