

e*Tag® ET4-AUS-D Installation Instructions

The e*Tag® ET4-AUS-D 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 Desktop Reader/Writer is designed to sit on a desktop, counter or flat surface and has four non-skid feet. It connects 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. No driver software is required to install the reader on a Windows PC. When the reader is plugged into a Windows PC, the PC will recognize the reader/writer, displaying the following prompts:

1. "Found New Hardware e*Tag USB"
2. "Found Human Interface Device"
3. "New Hardware Successfully Installed"



During this time the LED on the reader will flash Amber, Green, then Red, and then the LED will go out.

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

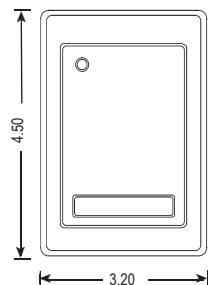
-35° to 70°C (-31°to +158°F)

Humidity

0 to 95% non-condensing

COMMUNICATIONS

USB:



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.

