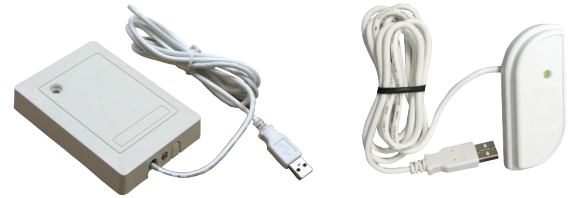


13.56 MHz Reader/Writers

ET4-AUS-D - ET4-AUM



e*Tag® reader/writers, using 13.56 MHz High Frequency RFID Technology are ideally suited for a wide variety of Automatic Identification and Data Collection applications, including access control, time and attendance, membership/loyalty programs, logical (PC) access, storage of biometric templates, parking, ePurse, fuel management, data retrieval and many others.

e*Tag® Reader/Writers are 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 the card, and to store data on the card for one or more applications.

These 13.56 MHz units communicate with a wide variety of open standard cards, including Secura Key e*Tag® cards; TI HF-1; Philips iCode SLI; ST-Micro LRI 512 and

2kBit; Infineon My-D and My-D Lite. e*Tag® Reader/Writers also work in UID-only mode with any ISO 15693 or 14443 A/B compliant contactless smart card.

In 14443A Mode, the readers can communicate with NXP MIFARE Classic or DESFire cards.

e*Tag® reader/writers are available in the S-shaped Mini-mullion housing or in a desktop USB reader.

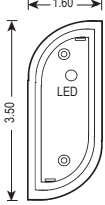
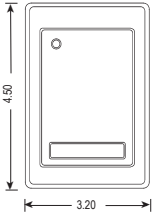
The e*Tag® reader/writers are available with a variety of communications capabilities. USB units communicate with PCs or other electronic devices with USB ports.

These readers can be custom configured to auto-read and to output data from any desired sector on the card.

Features:

- ISO 15693 Open Standard and ISO 14443 A/B 13.56 MHz Technology
- Epoxy Potted Reader Housings for Superior Weather Resistance
- Surface Mounting or Desktop Configuration
- Host Controlled Bi-Color LED (Red/Green)
- Host Controlled Buzzer
- Read/Write Capability
- UL294, FCC, CE, C-Tick and VCCI Regulatory Approvals
- USB Communications

SPECIFICATIONS

	ET4-AUM Mini-Mullion	ET4-AUS-D Desktop
Dimensions L x W x H	<p>3.5" x 1.6" x 0.6" 8.89 x 4.06 x 1.52 cm</p> 	<p>4.5" x 3.2" x 0.84" 11.43 x 8.13 x 2.13 cm</p> 
Mounting	Surface Mount	Desk top, counter
Weight	2.88 oz (81.65 gm)	8 oz (226.8 gm)
Material	ABS	Polycarbonate
Color	Black or White	Beige
Power Requirements	5 VDC USB Port Power	
Read Ranges (ISO Card); (Keytag)	Up to 4.0" (10.16 cm); Up to 2.5" (6.35 cm)	Up to 6.0" (15.24 cm); Up to 3.5" (8.89 cm)
Relative Humidity	0 to 100% (non-condensing)	0 to 100% (non-condensing)
Temperature Range	-40° to +70°C (-40° to +158°F)	
Bi-Color LED	Red/Green, Host Activated	
Buzzer Control	Host Activated	
Communications	USB Only Virtual COM Port, Windows® H.I.D. or Keyboard Wedge	
Cable Distance	USB – 12 ft. (3.65m);	
Cable Required	5' (1.52m) cable supplied	
Comm Protocol	USB – Secura Key e*Tag® Protocol	
ISO Standard	ISO 15693, 14443 A/B	
Data Encryption (Access control data)	DES with diversified keys	
Operating Modes	Read-Write: host managed, USB or custom	
Card Compatibility R/W	Secura Key e*Tag® cards; TI HF-1; Philips iCode SLI; ST-Micro LRI 512 and 2kBit; Infineon My-D and My-D Lite, NXP MIFARE and DESFIRE and 14443B (TBD) cards.	
Card Compatibility Read UID	Cards meeting the ISO 15693 or 14443 A/B standard	
Regulatory Approvals	UL/ cUL294, Part 15 Class B FCC, CE Mark, Canada Radio, C-Tick	
Frequency	13.56 MHz	
Warranty	These Secura Key products are warranted against defects in materials and workmanship for lifetime. Secura Key will replace any Secura Key manufactured product that fails to perform as intended. This warranty does not include freight, taxes, duties, or installation expenses. See price list for complete terms and conditions.	

20301 Nordhoff Street, Chatsworth, CA 91311
 PHONE (818) 882-0020 • FAX (818) 882-7052
 TOLL-FREE (800) 891-0020

Website: www.securakey.com • E-mail: mail@securakey.com

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