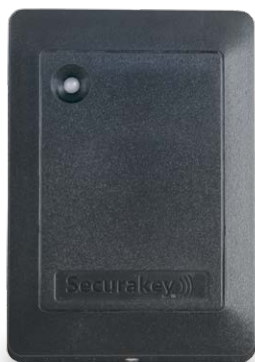**ET-WXM**
Mini-Mullion

ET-WXS
Switchplate

ET-WXM and ET-WXS
e*Tag® Smart Card Readers (HF)

The ET-WXM/WXS are the next generation of Secura Key's ET series of Wiegand/485 readers in its 13.56MHz (HF) reader line. Enhancements deliver the same operability; however, the upgrade provides even better reliability and dependability in the field. The on-board RS485 port allows read/write applications and is suitable for use with a variety of RFID transponders. The readers are compliant with both ISO 14443 and 15693 standards and also provide MiFare compatibility.

e*Tag® WX Readers

- Reads (HF) 13.56MHz Secura Key e*Tag cards
- MiFare Compatible
- DES encryption for secure data delivery
- RS-485 and Wiegand

- Readers also have an RS485 port allowing two-way data transfer for read/write applications
- Designed to withstand extreme environmental conditions
- Vandal resistant
- External LED and buzzer controls

- A convenient wiring harness is included allowing the reader to be plugged in when the installation is complete
- Includes an industry standard SIA Wiegand output and is compatible with most access control panels including Secura Key's SK-ACPE

Use with:
SK-ACPE (2-door panel)

- Built in Ethernet connection
- 65,000 card capacity
- 10,000 Date and Time stamped stored events
- 15 programmable time zones with weekly schedules plus 32 holidays
- Improved Surge Suppression on RS485 inputs
- Continuous battery and power status monitoring

- Accepts readers with a Wiegand output and almost any card technology
- Each door has two programmable inputs which can be programmed to function as a door open, remote inactive, door monitor, tamper, arming unit, door unlock or user defined input
- UL294, FCC and CE Regulatory approvals

e*Tag® (HF) Cards and Keytags

- Meets the ISO 15693 International Standard
- DES encryption
- 13.56MHz Contactless Smart Cards and Keytags encoded in 26 or 32 bit formats
- Memory range from 2K to 10k bits
- Custom 4 color graphics available
- ISO cards available with glossy white for dye-sublimation and in-house photo-id printing

DESCRIPTION	MINI-MULLION STYLE READER	SWITCHPLATE STYLE READER
Part Number	ET-WXM	ET-WXS
SPECIFICATIONS		
Operating Frequency	13.56MHz	
ISO Standard	14443 and 15693 compliant	
Data Encryption	DES	
Description	Mini Mullion	Switchplate
Color	Black	
Material	ABS	Polycarbonate
Read Range*	ISO Card 10.16 cm (up to 4") Key Tag 6.35 cm (up to 2.5")	ISO Card 15.24 cm (up to 6") Key Tag 3.5 cm(up to 3.5")
Dimensions	8.89 x 4.06 x 1.53 cm (3.50" x 1.6" x 0.6")	11.43 x 8.13 x 2.13 cm (4.50" x 3.20" x 0.84")
Power	5-14VDC @ 50-90mA	
Tri-Color LED	Blue/Red/Green - Ground to Activate	
Buzzer Control	Ground to Activate	
Hold Line	Ground to Activate	
Communications	Wiegand, RS-485	
Operating Modes	(RO) Read-only card data, UID Wiegand • (RW) Read-Write (host managed) RS-485	
Cabling (Wiegand)	Up to 500', 5-10 Conductor, 18-22 AWG-Shielded	
Cabling (RS-485)	Up to 4000', Cat 5/6	
Operating Temperature (Range)	-40 to +70 C (-40 to +158 F)	
Relative Humidity (Range)	0 - 100% Non-Condensing	
Indoor/Outdoor	Electronics completely potted for extreme weather considerations	
IP Rating	IP67 (Internal Testing)	
Certifications	FCC • UL • CE Mark • Canada Radio	
USE WITH:		
Panel	Has SIA standard wiegand output and compatible with most AC panels as well as Secura Key's SK-ACPE 2 Door Panel	
Credentials	ETCI04 (ISO Card)	
	ETST03 (Compact Key Tag)	
	ETKT03 (Bullnose Key Tag)	
	ETAT03 (Adhesive Tag)	
	Encrypted, Wiegand Data (26 or 32 bit formats available)	
	Custom Graphics are available for card and key tags	
	*Read Range depends on the installation environment	
Limited Warranty	Secura Key products are warranted against defects in materials and assembly for three (3) years. In the event that any Secura Key product fails to perform as intended during the warranty period, Secura Key will replace the defective product with a new or refurbished product. This is subject to the equipment being installed in accordance with the instructions and used appropriately in suitable conditions. **The warranty period begins on the date of shipment from our factory or if sold through Distribution on the date of sale (original receipt or documentation is required).** This warranty does not include the cost of taxes, duties or installation expenses.	