



**ekey<sup>®</sup> TOCAhome**  
**FINGERPRINT KEYLESS ENTRY**  
**ACCESS CONTROL**  
**STAND-ALONE**



**UTMOST CONVENIENCE  
& PEACE OF MIND**

You always have your key with ekey<sup>®</sup>...no need to worry about keys, cards, or codes

**ENVIRONMENT  
TOLERANCE**

Weather resistant fingerprint scanner...no restriction for inside and outside use

**SAVES TIME &  
MONEY**

Add or delete users freely...no keys to copy or monthly fee to pay

**USER FRIENDLY**

Manage users easily...no PC is needed for operation or programming

**USER PRIVACY**

Key code representing the fingerprint minutiae... no actual fingerprint image is stored

Call (941) 782-1227 or visit [www.ekeyUSA.com](http://www.ekeyUSA.com)

# ekey<sup>®</sup> TOCAhome Product Data & Specifications

TECHNICAL DATA	Control Unit (Inside Unit)	Fingerprint Scanner (Outside Unit)
<b>ekey TOCAhome</b>	1 Controller, 1 relay	1 fingerprint scanner
<b>ekey TOCAhome 3</b>	1 Controller, 3 relays	1 fingerprint scanner
<b>INSTALLATION RECOMMENDATION</b>	Installed away in a separate location	Installed close and visible to the access point/s, at 53 inches from ground to scanner upper edge
<b>MOISTURE</b>	Max. 95%; Internal Unit (IP 54) & Outside Unit (IP43) with special screws (sold separately with special request)	
<b>POWER SUPPLY</b>	9 VAC from supplied external adapter or regulated 12VDC	Supplied from Control Unit by low voltage cable
<b>DIMENSIONS</b>	W 7 ¼ x H 4 ½ x D 1 ¼ inches (140x128x48 mm)	Standard scanner (W 2 ¼ x H 3 ¾ x D 2 ¼ inches) Integra scanner (W 1 ¾ x H 3 ½ x D 1 ¼ inches)
<b>WEIGHT</b>	9 oz	4 oz
<b>INTERFACE</b>	RS485 (4 wires) between the fingerprint scanner and the Control Unit	
<b>TEMPERATURE RANGE</b>	-20° to 85°C (-20° to 185°F)	
<b>GUARANTEE</b>	24 Months	
<b>STORAGE CAPACITY PER TERMINAL</b>	Supports up to 99 fingerprint templates	
<b>PROCESSING TIME</b>	Encoding ~ 1.2 sec.; Matching <20ms/stored template	
<b>RELAY POWER RATING</b>	230 VAC, max. 5A potential free (common, normal open, and normal close)	
<b>BIOMETRIC KEY FIGURES*</b>	False Acceptance Rate (FAR): 1.0x10 <sup>-5</sup> by False Rejection Rate (FRR): 1.4 x 10 <sup>-2</sup> (* This recognition rate was determined with ekey internal fingerprint database)	
<b>CABLE RATING</b>	CAT5/6 for short runs up to 170ft ; Gauge 18 for longer run up to 600ft	
<b>USER ADMINISTRATION</b>	Through the Control Unit	



For more information, please contact:

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