



Knox Company
 1601 W Deer Valley Rd
 Phoenix AZ 85027
 United States

Quote# QT-KA-42278

QUOTED TO:

CUS104638
 ROCHESTER HILLS FIRE DEPT
 1111 HORIZON CT
 ROCHESTER HLS MI 48309-1319
 UNITED STATES
 OAKLAND

SHIP TO:

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 1111 HORIZON CT
 ROCHESTER HLS MI 48309-1319
 UNITED STATES
 OAKLAND

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Expires On	Sales Rep	Terms	PO #	Shipping Method
7/30/2023	Larry Lulich	PP - Prepaid		Ground Shipping < 75 LBS

Item	Description	Quantity	Units	Rate	Amount
KSM-200K2	KeySecure® 5, 2 MKEY, WIFI, ETHERNET, USB, W/ ANTENNA	18	EA	\$1,051.00	\$18,918.00
Installation Address: Primary System Code Role: PS-30-0040-02-88-BOXES					
90034-KS5KS6	REPAIR TECH LOCK, KeySecure® 5/6	18	EA	\$0.00	\$0.00
Installation Address: Primary System Code Role: PS-30-0040-02-88-RTB02					
KLS-AP	ADAPTER PLATE KIT, MOUNTING BRACKETS, KeySecure® 5 & 6	18	EA	\$86.00	\$1,548.00
Installation Address: Primary System Code Role: PS-30-0040-02-88-BOXES					
KSM-200AC	AC ADAPTER, WALL MOUNT, KeySecure®5 & 6	1	EA	\$0.00	\$0.00
Installation Address: Primary System Code Role: PS-30-0040-02-88-BOXES					
SMS-1003C1	1YR. KnoxConnect™ Cloud License 21+ devices	1	EA	\$1,038.00	\$1,038.00
Installation Address: Primary System Code Role: PS-30-0040-02-88-BOXES					

Memo: Mutual Aid Box Alarm Sys (MABAS) - MI PS-30-0453-05-11

Subtotal	\$21,504.00
Tax Amount	\$0.00
Shipping and Handling	\$387.00

Total \$21,891.00



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Item	Description	Quantity	Units	Rate	Amount
KD-1KM1	KeyDefender, Single Mkey Assy	11	EA	\$799.00	\$8,789.00
Installation Address: Primary System Code Role: PS-30-0040-02-88-BOXES					
92238	AC Adapter For Testing Use Only, KeyDefender	1	EA	\$79.00	\$79.00
Installation Address: Primary System Code Role: PS-30-0040-02-88-BOXES					

Subtotal	\$8,868.00
Tax Amount	\$0.00
Shipping and Handling	\$108.00

Total \$8,976.00



QT-KA-42279



KNOX[®]
When seconds matter™

The Next Evolution in
Master Key Control



INTRODUCING KNOX KEYSECURE[®] 5

Knox Master key control is elevated with new security and support capabilities. The KeySecure[®] 5 device leverages Knox technology to provide secure, rapid access when seconds matter.

KeySecure 5 features dual key security and KnoxConnect, a cloud-based management system, to configure devices, manage users, track access and review audit trails for accountability.



Flexibility

The KeySecure 5 holds up to two keys providing departments the ability to secure and support shared systems.



Security

Knox Master keys are securely locked and only accessible using a user-specific PIN code. All access activity is tracked through KnoxConnect.



Traceability

Tracking user access by name, date and time, the KnoxConnect maintains accountability and integrity of the system.

knoxbox.com | 800-552-5669

Components of the KeySecure® 5



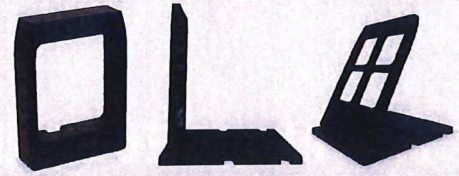
KnoxConnect

- A cloud-based system used to configure, program and manage the key control devices
- Admins have the ability to assign PIN codes, add / delete users, and create reports from any web enable device with a browser



KeySecure 5

- Secures up to two Knox Master Keys and a Knox Keywrench
- Releases key(s) with a secure individualized PIN code



Mounting Bracket

- Mounts securely in an apparatus, vehicle, or office.
- Optional mounting brackets available in flat, 60 and 90 degrees.

KeySecure 5 Product Specifications

Product Name	KeySecure 5
Construction	Die-casted zinc
Dimensions	6.0" H x 4-1/4" W x 3-1/2"D (KSM-200)
Product with Wi-Fi Antenna	Wi-Fi antenna extends an additional 1-1/2" from side of unit and adds up to 4-1/4" above the unit when oriented upwards
Weight	8.0 lbs (shipping weight)
Finish	Powder coating
Key Carrying Capability	1 or 2 mechanical keys
Operating Temperature	-20° to 60° C
Storage Temperature	-40° to +80°C
Alert LEDs	Yes (2)
Power	Vehicle 7-amp 12-volt DC power supply or AC adapter 7-amp 12-volt
Initial Power Stabilization Time	Up to 5 seconds
Audit Trail Events	Up to 16,000 events
User PIN Codes	Up to 5,000

Contact your Knox Regional Account Manager for more information.

Please Note: Model specifications and pricing, subject to change without notice.

knoxbox.com | 800-552-5669

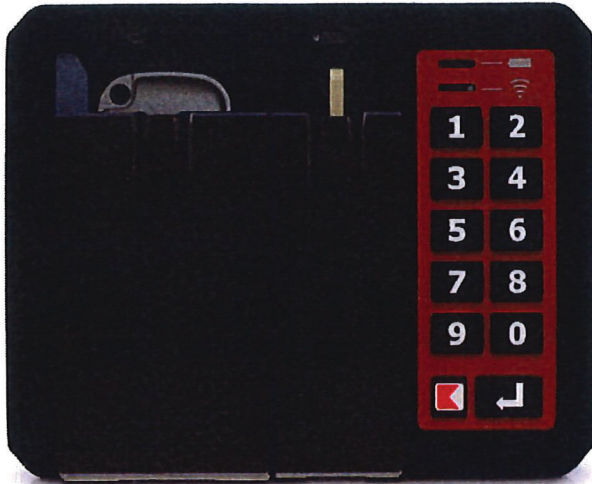


KNOX KEYDEFENDER™

KEY CONTROL

PROGRAMMING AND CHARGING SYSTEM FOR PASSENGER VEHICLES

KeyDefender is a compact key control system specifically designed for use in passenger vehicles. It provides secure charging and communication for one Knox eKey and one mechanical access key. This innovative approach to security conceals keys from view and enables eKey retainers to be removed from the vehicle when not in use. Power inputs are compatible for use in vehicles without shore power and are designed to help prevent draining vehicle batteries.



MODULAR:

The eKey retainer can be removed to upload eKey data and charged when vehicles are not in use

FLEXIBILITY:

KeyDefender holds up to one eKey and one mechanical key

SECURITY:

Knox eLock keys are securely locked, concealed out of view, and tracked through KnoxConnect

ACCOUNTABILITY:

KnoxConnect maintains the accountability and integrity of the system by tracking user access by name, date, and time

SMALLER SIZE:

A reduced footprint allows for easier mounting in passenger vehicles

ELIMINATES BATTERY DRAIN:

KeyDefender will not drain a vehicle's battery when the ignition is shutoff

COMMUNICATION:

KeyDefender automatically connects within range of an authorized network



KNOX KEYDEFENDER™

KEY CONTROL



KeyDefender eKey



KeyDefender Mechanical Key

KEYDEFENDER WITH eKEY:

- The portable eKey retainer charges and uploads information
- 12-key keypad facilitates the release and activation of keys
- Use portable eKey retainer with PC and app for charging and communication when vehicle is not in use

KEYDEFENDER WITH MECHANICAL KEY:

- Secures a single mechanical key

KEYDEFENDER DUAL BOTH MECHANICAL AND eKEY:

- Secures both a mechanical key and an eKey

MECHANICAL SPECIFICATIONS

KeyDefender				Mounting Brackets			
Models	KD-1KE1	KD-1KM1	KD-1KD2	KD-1HE	KD-MB-R5	KD-MB-R7	KD-MB-R11
Description	KeyDefender w/ 1 eKey	KeyDefender w/ 1 Mechanical Key	KeyDefender Dual w/ 1 eKey and 1 Mechanical Key	KeyDefender Holster w/ power cord	KeyDefender Mounting Bracket 5"	KeyDefender Mounting Bracket 7"	KeyDefender Mounting Bracket 11"
Dimensions	4.3"W X 4.5"H X 3.0"D	3.5"W X 4.5"H X 3.0"D	5.5"W X 4.5"H X 3.0"D	1.8"W X 4.0"H X 1.8"D	5"	7"	11"
Weight	1.4 lb	1.4 lb	1.8 lb	0.3 lb	0.9 lb	1.1 lb	2.1 lb
Materials	Composite materials				Aluminum		

ELECTRONIC SPECIFICATIONS

Op Temp		-20-65° C		Wiring	
Storage Temp	-40-85° C			Comm	Wi-Fi
Humidity	95% RH @25° C 76 hours			Power	2 Wire 18 AWG
Memory	Up to 16,000 audit events			Programming	USB A Male to C Male
	Up to 5,000 PIN			Networking	
Power	2A @ 12VDC			Wifi	802.11 b/g/n (2.4 GHz)
Battery	Lithium 5 year replaceable				
Regulatory	UL	437 (Lock core)		Encryption	WEP, WPA/WPA2 PSK, WPA2 enterprise (802.1x), WPA3 personal, EAP-TLS, EAP TTLS-MSCHAPv2, EAP-TTLS-TLS, EAP-TTLS-PSK, EAP-PEAPv0-TLS, EAP-PEAPv0-MSCHAPv2
	FCC	Parts 15 A			

ACCESSORIES

Model	Description
91178	Holster power cable KeyDefender
91179	Main power cable KeyDefender
92235	Security Fasteners pack of 4 KeyDefender

ABOUT THE KNOX COMPANY

Since 1975, the Knox Company has successfully developed innovative rapid access solutions for first responders with products that provide fast, safe, and secure entry into commercial, industrial, and residential properties, while minimizing damage and maximizing safety. Today, more than 15,000 fire, EMS, and law enforcement departments/agencies depend on Knox products to gain access into over one million buildings/properties.