

# The Power to Control and Protect Your Assets



KeyTag

**SEK**  
SOLUTIONS

Do you really have control  
over your property?



Do you know **Who** took the key?

**When** it was taken?

**Why** it was taken?

Do **Missing keys** sound familiar?

**STOP THE CHAOS AND TAKE CONTROL!**

# Introduction



The Matrix cabinet is the most advanced system to safely store a large variety of different items, control and monitor access to them

The system is a fully automated cabinet controlled by an integrated computer and equipped with an access control system that allows or denies user access according to granted permissions

The drawers contain sealed and secured storage compartments, each of which can be individually operated and automatically opened once the specific item is selected



KeyTag is a revolutionary application that takes unique advantages of the Matrix cabinets and integrates them with powerful software that enables you to fully control and manage all keys to your property and in parallel use it as a locker to safely store personal belongings

KeyTag invites you to forget everything you know about property management and discover the amazing world of innovation

## Asset Management



- ✓ Protect your assets
- ✓ Control access to all your property
- ✓ Prevent loss of keys
- ✓ Save time searching
- ✓ Manage check-out duration
- ✓ Increase productivity
- ✓ Keep track of all transactions

## Personal Locker



- ✓ Safely store important items
- ✓ Monitor access
- ✓ Keep track of all transactions

# How does it work?

## Identification process

The system and drawers are normally locked. After the identification process, the system will allow or deny access to the software

Identification options:

fingerprint | proximity card | barcode tag  
username + password

1



## Choose an asset and state the purpose

Assets are grouped according to categories making the fast and simple searching. In addition, users can create their own favorite asset list for even faster selection

When checking out a key, the user need to state the purpose - quick selection can be made from multi choice list or by free typing

2



## Receive the key

Each key is stored in a separate sealed compartment. After the user selects an asset, the drawer will open and the specific bin that contains the selected key will pop-up automatically.

The user will be unable to access other keys

3



## Tag to approve

The user approve the process by tagging the key with a unique RFID tag attached

4



# One system fits all




Do you know  
what your keys  
will look like  
in two years?

KeyTag allows you to store any key, regardless of size or shape

The storage compartments flexible structure enables you to fit the size of the cell exactly to the size of your keys, thereby fully maximizing capacity

Capacity evaluation:

	 Single key	 Set of keys
	up to 2400	up to 1200
	up to 480	up to 240



# Maximum Security - Maximum Control

## Access only to selected key

100%-sealed compartments give you the certainty that only the requested key is accessible

The system automatically opens the specific bin which contains the requested key. The user cannot access, steal or copy any other keys



## Receive alerts when a key is not returned on time

A key that is not returned on time means that the asset is unavailable

With KeyTag you can easily determine a due time for each asset so the system will automatically send an alert if the key has not returned on time

The alert will be sent to the user how holds the key, his manager and any other persons you define



Dear David

The due time for the following asset has passed.

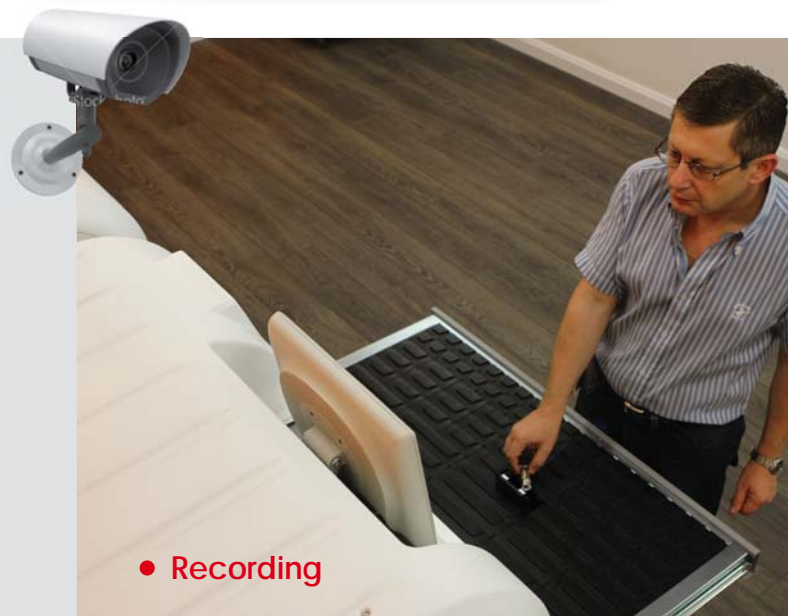
ID: 75-845-26

Due time: Today at 6:00PM

Please return the key immediately!

## Video records of transactions

KeyTag provides the highest level of security and allows you to video capture every transaction using a dedicated external wireless camera connected to the system



● Recording

# Stay connected



Connect the system and manage your property from any distant station

Grant or deny access

Add new users / items

Determine assets due time

View assets / user activity history

Suspend assets or users

View reports

View video records

# For so much more than just keys

## Your private storage compartment

With KeyTag you can also safely store personal belongings and other important equipment beside keys

The administrator can assign up to three personal storage compartments per user that will be accessible only to him

This unique structure allows you to store weapons, classified media and documentation or use as a personal locker with maximum security



### Personal Storage



### Security Equipment



### Media & Documentation



### Mails & Packages





# Models

## ULTRA

Floor standing units



Master

Slave

Up to 12 drawers

## COMPACT

Desktop unit (with or without trolley)



Master

Slave

Up to 5 drawers

Connect endless slave units to one master cabinet



*Unlimited storage capacity*

# Specifications



## Security camera

External software-controlled wireless security camera captures every transaction

## Integrated Touchscreen



## Identification System

Access to the system is only allowed after passing the identification process. There are 4 types of access hardware to choose from:

- Fingerprint
- Proximity card
- Magnetic card
- Barcode

## RFID tag reader



## Massive Steel Structure

## A wide range of storage compartments

Each drawer contains a sealed compartment for a safe item storage

The bin opening system is a worldwide patent that enables the user to design any combination of bin sizes to maximize storage capacity



## TCP/IP connection

Enables system operation from a remote computer



# Design your own system



Use our unique software to easily design the configuration that best suits your needs  
Bins | Drawers | Cabinet

## Maximum Flexibility

### Any combination is possible

Design your own drawer by selecting any combination of bin sizes for utilizing maximum capacity



Example of bins combination

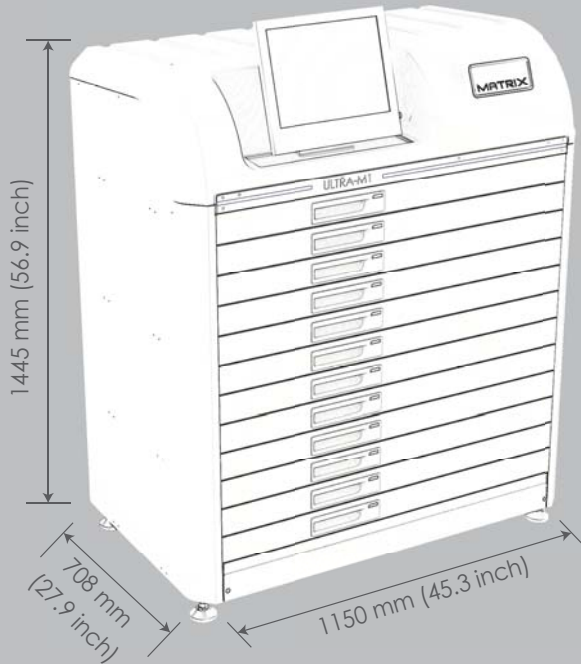
### No minimum drawers per cabinet

The drawers are modular enabling the user to choose between any combination of three drawer depths



# Technical Specifications

## ULTRA

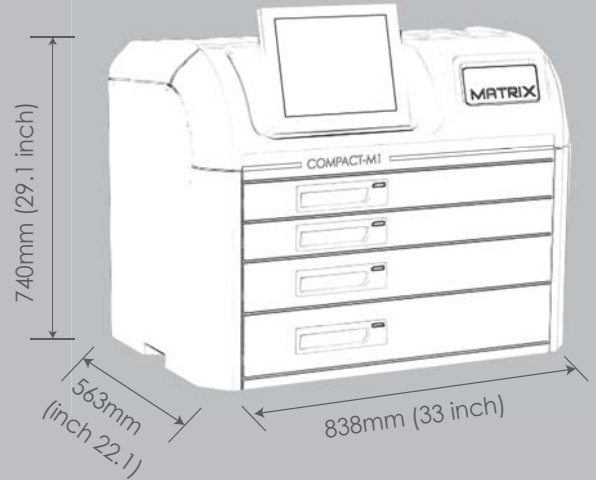


Master      Slave

Touchscreen	"15	-
UPS	√	-
Barcode reader	optional	optional
Finger print reader	optional	optional
Magnetic card reader	optional	optional
Proximity card reader	optional	optional
Security camera	optional	optional
Network connection	√	√
Colors	White/ Black	
Quality certification	CE &UL/CA	
Weight	*	*

\* Cabinet weight is subject to number and type of drawers.

## COMPACT



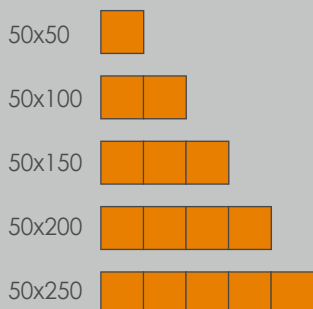
Master      Slave

Touchscreen	"12	-
UPS	√	-
Barcode reader	optional	optional
Finger print reader	optional	optional
Magnetic card reader	optional	optional
Proximity card reader	optional	optional
Security camera	optional	optional
Network connection	√	√
Colors	White/ Black	
Quality certification	CE &UL/CA	
Weight	*	*

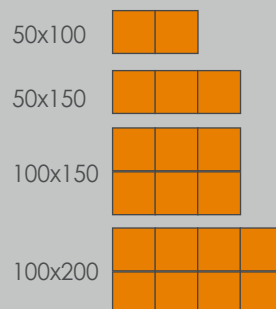
\* Cabinet weight is subject to number and type of drawers.

## Storage compartments

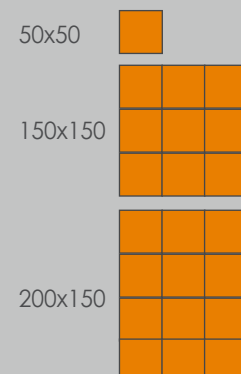
Depth = 50mm



Depth = 75mm



Depth = 100mm



# Why KeyTag?

## Maximum Control

- Limit access to a specific item
- Diverse access level
- Transaction records
- Due time alerts
- Full reporting service
- Remote connection

## Maximum Productivity

- Easy to use
- Locker options for personal storage
- Flexible system built to your needs

## Maximum Security

- Massive steel cabinet
- Sealed storage compartments
- Video monitoring
- Integrated alarm system
- Automatic alerts by email
- Multiple access options



**Take Control**  
**Protect Your Assets**

# For unlimited applications

Hotels



Military



Car rental



Banks



Residential



Distribution centers



Hospitals



Airports



Factories



Colleges



Police



Everything you  
can imagine  
&  
so much more...

# About Us



**Shafir Systems** is a member of the IMC group and the largest Israeli company for systems development based on advanced technology



*Shafir's engineering dept.*

The company design and produce technological systems under the most strict quality assurance procedures

With more than 30 years' experience in developing advanced systems for thousands of customers around the world, Shafir is proud to present the revolutionary storage system offering endless properties and implementation options



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