

# MATRIX

The revolutionary storing system



**The power to  
control!**

Limit access to specific item

Manage your inventory

Reduce object detection

## Introduction

The MATRIX is the most advanced storing system which allows you to safely store, control and manage your inventory.

The MATRIX is a fully automated cabinet equipped with an access control system that provides you with the power to decide who will gain access to the system.

Due to its unique design, the MATRIX is the only system that enables you to fit the size of the storage compartment to the stored item for maximum capacity utilization.



## How does it work (issuing stored item)

### Identification process

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



### Selecting stored item

The user chooses a stored item directly from the integrated touch screen system.



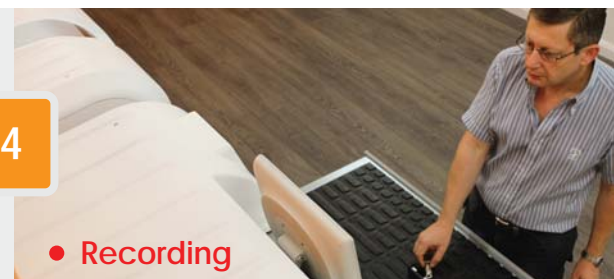
### Issuing the item

Only the specific drawer and bin of the selected stored item will open automatically without any ability to access other stored items.



### Process documentation

The entire issuing process is monitored and captured by external camera for maximum security.





# For unlimited applications...

Medical



Office



Industrial



Weapons



Media



Jewelry



Keys



Electronics



Tools



Mail



Locker



Everything  
you can imagine  
&  
so much more...

# 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*



# 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



Buy what you need and order more as you grow

# Specifications



## Security camera

External software-controlled wireless security camera captures every transaction

## Integrated Touchscreen



## Massive Steel Structure

## 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

## 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



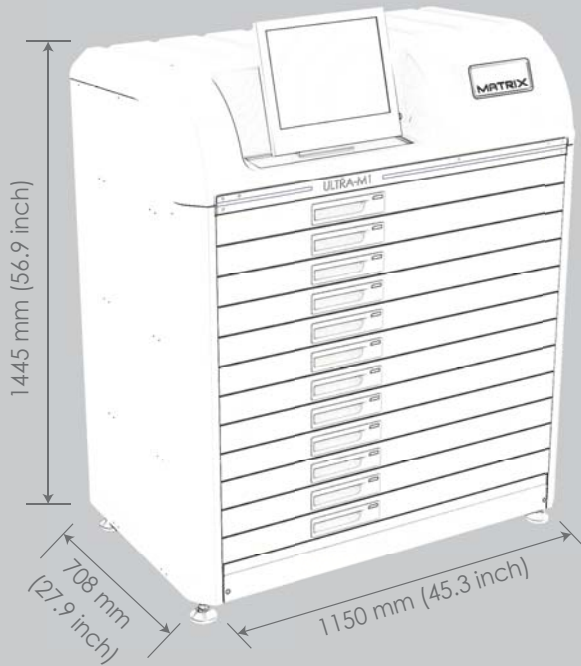
## TCP/IP connection

Enables system operation from a remote computer



# Technical Specifications

## ULTRA

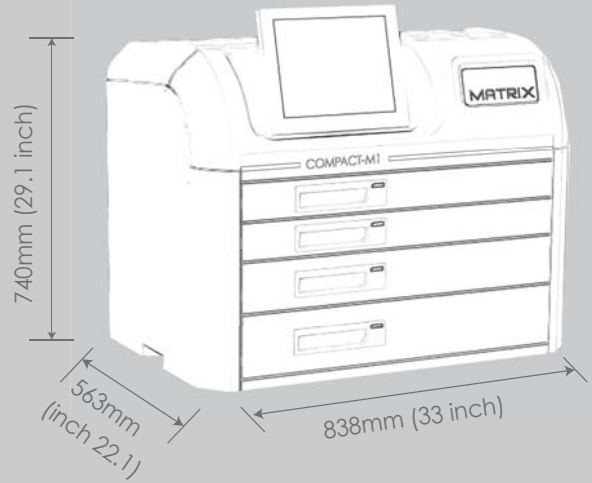


Master Slave

	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



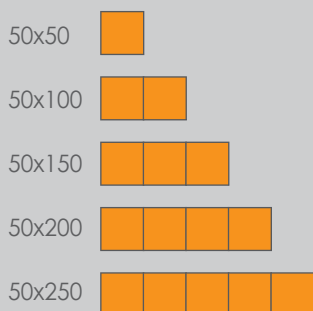
Master Slave

	Master	Slave
Touchscreen	"12	-
UPS	√	-
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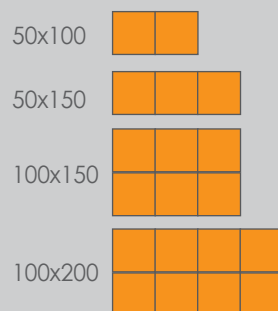
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## Storage compartments

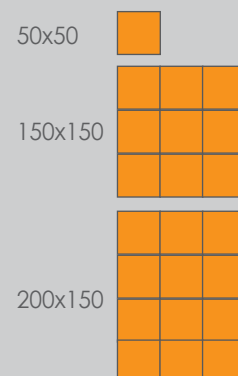
Depth = 50mm



Depth = 75mm



Depth = 100mm





# 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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