



rovenma
Smart Technology

SMART
PARCEL
LOCKERS

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SMART PARCEL
LOCKERS

rovløcker

Rovenma

Rovenma is an innovative technology company with R&D, engineering and production capabilities that are dedicated to sustainable technological development with its highly experienced technical team.

Rovenma acts with the principle of industry 4.0 while offering solutions to the problems and needs of the ecosystem. In addition to its experienced software, electronic and digital design capabilities, it aims to offer effective solutions with its mechanical and industrial design competence.

Rovenma, believes that the way to produce high value-added technologies comes as a result of the happy and efficient staff. Therefore, made the biggest investment to its human resource.

Maximum performance with minimum cost

High quality and durable materials

Innovative technology

Reliable service

Your Long Term Solution Partner

ISO
9001:2015

ISO/IEC
27001:2013

ISO
14001:2015

CE

IP 54

Turkey
Discover
the potential

R&D and Engineering

Located in one of the most important R&D locations of Turkey, Hacettepe Teknokent, Rovenma's experienced R&D team has the following technical capabilities.

- **Electronic Card Design**
- **FPGA/ASIC Digital Design**
- **Numerical Analysis**
- **Mechanical Design**
- **Industrial Design**
- **Visual Design**
- **3D Design**
- **Embedded Software Development**
- **PC Software Development**
- **Server Software Development**
- **Frontend&Backend Software Development**
- **Linux OS Development**
- **Cloud-Based Big Data**
- **Engineering System**

Manufacturing

Rovenma's factory, where the R&D capabilities are transformed into production, is located in Kazan which is one of the most important industrial zones of Ankara. Together with its 30 different suppliers, Rovenma can carry out the following processes;

- **Electronic Card Production**
- **Electronic Card Composition**
- **Cabling Production**
- **Electric/Electronic Production**
- **Mechanical Production**
- **Metal Injection**
- **Plastic Injection**
- **Molding**
- **Mechanical Production**
- **Sheet Metal Cutting**
- **Sheet Metal Bending**
- **Precision Machining**
- **Machining**
- **3D Printing**
- **Painting**

rovlocker

Smart Parcel Locker

RovLocker is designed to provide the most effective solution to both end-users and e-commerce companies to have the perfect cargo delivery processes which is one of the most important qualities and service indicators of the ever-growing e-commerce industry.

Unlike similar products, RovLocker is produced with a high quality electronic, hardware and software technology to ensure 24/7 uninterrupted cargo delivery in the safest way.



Receive Notification



Show QR



Get Parcel



Remote Management

Working Offline

Cyber Security

Bluetooth

Via



Linux OS

EAL



Wired/Wireless internet infrastructure



Working with mains electricity



rovlocker

Smart Parcel Locker

RovLocker Smart Parcel Lockers are safe and smart systems where you can pick up and drop cargos 24/7. With its distinctive features and long-life cycle, RovLocker has many reasons to be the best last mile solution not only for logistic and cargo companies but also for the end users.



Corporate perspective;

- Increase the distribution volumes,
- Decrease all operational costs (OPEX),
- Decrease the environmental pollution,
- Can be a marketing tool to advertisers,
- Brand strengthening and value increase with the high and secure technology.



Individual perspective;

- 24/7 Parcel delivery and returns accessibility,
- Elimination of Last-mile Delivery failure,
- Safe delivery with high technological solutions,
- Contact-free delivery.

Thanks to the Rovlocker, postal officers can safely leave the delivery to the parcel lockers in various locations. The recipients can receive their parcels with a unique single-use password. The system is simple, secure and responsive to possible adverse events.



rovlocker

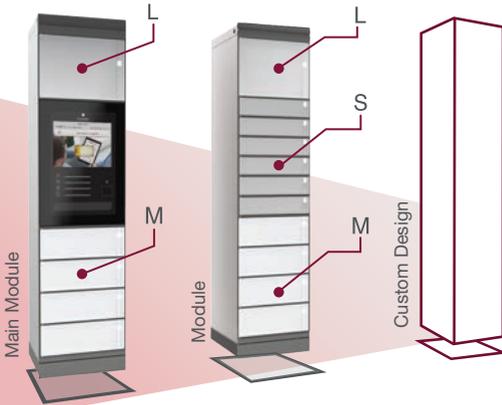
Modular and Custom Design

Thanks to its modular design, RovLocker is suitable for all locations. Depending on the needs and requests, different designs can be produced with different modules and covers.

R6 - 71 Compartments



To design your own RovLocker, please visit our web site.



Compartment Dimensions

	S	M	L
Height	100	160	336
Width	360	360	360
Depth	550	550	550

Compartment Numbers

	S	M	L	Total
Module	6	4	1	11
Main Module	-	4	1	5
1 Main Module + 6 Module	36	28	7	71

*All dimensions are in mm.

*Accessories are not included in dimensions.



For more information on different combinations and our 74 compartment systems, please contact our sales team.

sales@rovenma.com

rovlocker

Advanced Technologies of RovLocker

With its specific lock technology, high quality materials and advanced security system and RovLocker is suitable for all kinds of outdoor use.

RovLocker offers 24/7 uninterrupted and unique service with its cybersecurity technologies and offline functionality

Thanks to the Bluetooth interface, by using the mobile and smartwatch applications, you can use the RovLocker without using the screen interface.



Advanced Lock Technology

Ease of Frontal
Maintenance

Vandal Resistant



Technical Specifications

CATEGORY	SUBCATEGORY	FEATURES
COMPUTER	PC	Aluminum cooling, outdoor industrial computer
HMI (HUMAN-MACHINE INTERFACE)	LCD Screen	15 " Horizontal LCD and shockproof touch screen
	Auto Sound Level	Human intervention or "time-based" without preset
	Front Camera	1.3 MP 1280*960-1/3inch lens sensor-USB
	Barcode Reader	1D and 2D barcodes that can be read from paper or mobile phone
	Languages	Turkish, English, Arabic, Russian, German
GENERAL SECURITY	IP Camera and NVR	2MP IP Kamera ve NVR sistemi
	Compartment Covers	TS EN 1627 RC3 standardı için alüminyum enjeksiyon
	Physical Security	Audible / visual / server burglar alarms
ENVIRONMENTAL RESISTANCE	Ventilation Fan	Energy-saving continuous airflow
	Operating Temperature	Between - 20°C and + 50°C
	Relative Humidity Range	10% to 90%
	Dust and Rain Resistance	IP 54 Certificate
SOFTWARE	Features	Linux-based management portal and RovLocker application
		Physical and cloud-based server capability
		Online and offline work scenarios
PHYSICAL LINKS	Connection Types	Copper: Standard, ADSL, RJ45 / RJ11 Connections for Ethernet
		Communication via Standard L2 Ethernet Network
ENERGY MANAGEMENT	Power source (UPS)	230V AC
	Annual Consumption	2000kW-3900kW
	Setup Requirements	Location must have mains electricity
	Leakage Relay	Standard 30mA in terms of human health and safety
	EMC Filter	To prevent damages arising from current and voltage
	Insurance	10A
EXTERNAL BODY	External Body Ingredients	Steel and durable material in accordance with EN 10130: 2006 DC01
	Painting	Environmentally resistant polyester paint compatible with RAL colors
	Compartment Door	High quality aluminum injection A-380

rovlacker

Software and Portal Features



RovLocker Management Portal has been designed and developed to meet all the needs of cargo and logistics companies.

Among its highlights are:



- ➔ Opportunity to work offline,
- ➔ High performance,
- ➔ User friendly graphical user interface,
- ➔ Safe communication,

- ➔ EAL 4+ compatibility,
- ➔ Improved diagnostic and monitoring capability,
- ➔ Multi language feature.

Mobile and Smart Watch Applications

You can use RovLocker with mobile application and smart watch. With the barcode, you can easily receive your parcels.



rovalocker

Distinctive Features of RovLocker

Object Detection Sensor

Thanks to the object detection sensors placed in the compartments, it can be seen whether the compartments are empty or full, and therefore the system can be used more effectively.

Lock Technology

The lock system designed by our engineers complies with TS EN 1627 RC3 standards. They are tamper-resistant, reliable, and easy to use. All electronic and mechanics designs are constantly developed by Rovenma. It has negative feed solenoid actuators, sensors, and stylish indicator LEDs. The aluminum alloy lock structure which is unique to Rovenma is durable and safe. It's embedded in the compartments so it makes it impossible to access by unauthorized personnel.

Intelligent Diagnosis System

With over 300 sensors in RovLocker, high performance tracking is performed and data analysis is carried out. Thus, possible malfunctions can be detected and prevented before they occur.

Smart Energy Consumption

Rovlocker, which can be directly connected to mains electricity, has minimized electricity consumption with the quality and engineering optimizations in its electronic components.



Working Offline

Thanks to the offline operation feature of RovLocker, customers can receive their cargo from RovLocker even in case there is any connection problems with the server.

Bluetooth

Thanks to bluetooth technology in RovLocker, customers can easily receive their cargo from RovLocker using a mobile application.

Ease of Front Maintenance

Unlike competitors, RovLocker locks are accessed by pulling the modules forward, as an advanced mechanic feature, RovLocker locks are not located inside the compartments but they can be accessed by pulling the modules forward, after completing related security steps. Each lock has its own card, and while the entire system continues to work, only the necessary lock and parts can be replaced.

Thanks to this unique technology of RovLocker, maintenance duration and cost are highly reduced.

Automatic Sound and Lighting Level Change

Thanks to the sound and light sensors, RovLocker can increase / decrease the sound and lighting from the speaker depending on the environment.

Inside Lighting

White LED illumination inside the compartments ensures that the parcel can be seen and that the user can reach the mail / cargo easily. It also provides an additional measure to alert users to close the compartment door.



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