



rovenma

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.

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.

Your Long Term Solution Partner

ISO
9001:2015

ISO
10002:2018

ISO/IEC
27001:2013

ISO
14001:2015

IP 54

CE



R&D and Engineering

Rovenma's experienced R&D team in Hacettepe Technocity, has the following technical capabilities;

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

Manufacturing

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

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

rovlocker

Smart Parcel Locker

RovLocker is designed to provide the most effective solution to both end-users and e-commerce / logistic companies to have the perfect cargo delivery processes.

RovLocker is produced with a high quality electronics, mechanics and software technology to ensure 24/7uninterrupted cargo delivery in the safest way.



Receive
Notification



Show QR



Get Parcel



Remote Management

Offline Working

Cyber Secure

Bluetooth Connection



EAL



Wired/Wireless internet infrastructure

Working with mains electricity



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Advanced Technologies of RovLocker

With its unique aluminum alloy structure, negative feed solenoid actuators, sensors provides the best customer experience.

Internal modules of RovLocker modules can be pulled forward by rail systems. Thanks to this unique design, maintenance duration and costs are highly reduced.

It has antivandal properties at IK10 level with its aluminum injection cover and PMMA frontage.



Advanced Lock Technology

Ease of Maintenance

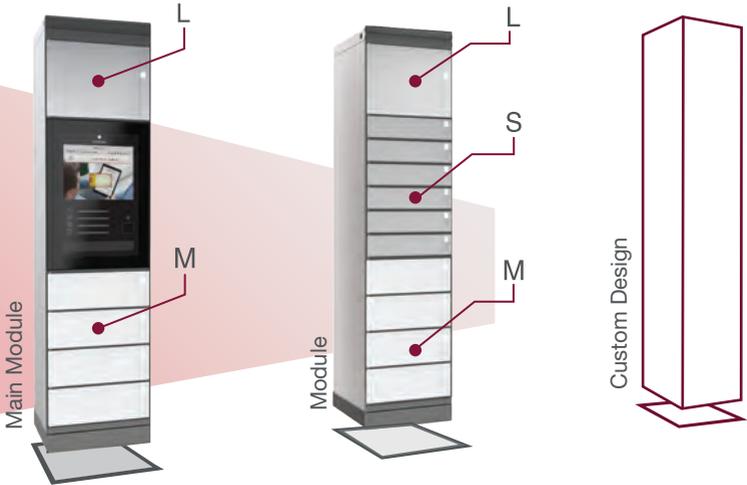
Vandal Proof

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



Compartment Dimensions

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



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

For more information on different combinations and our 71 compartment systems, please contact our sales team.

sales@rovenma.com

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Software and Portal Features

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



User friendly graphical user interface

Improved diagnostic and monitoring capability

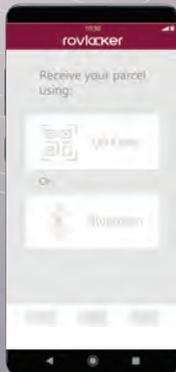
EAL 4+ compatibility

Multi language feature

Safe communication

Mobile and Smart Watch Applications

You can use RovLocker with its mobile application and smart watch to receive your parcels easily.



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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 business but also for our environment.



Corporate perspective;

- Increase distribution capacity,
- Decrease operational costs,
- Branding with a secure and technological investment

End user perspective;

- Availability to receive parcel 24/7,
- Elimination of Last-mile Delivery failure
- Safe, flexible and hygienic
- Provides convenience for people with disabilities



Environmental perspective;

- Carbon and greenhouse gas reduction
- Traffic jam reduction
- Noise pollution reduction

Technical Specifications

CATEGORY	SUBCATEGORY	FEATURES
COMPUTER	PC	Aluminum cooling, outdoor industrial motherboard
HMI (HUMAN-MACHINE INTERFACE)	LCD Screen	15" Impact and Scratch Resistant Horizontal LCD
	Auto Sound Level	Human intervention or "time-based" without preset
	Front Camera (O)	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 Camera with Night Vision
	Compartment Doors	Min 2mm aluminum injection
	IK (Impact Protection) Level Security	Audible / visual / IK 10 burglar alarms
ENVIRONMENTAL RESISTANCE	Ventilation Fan	Energy-saving continuous airflow
	Operating Temperature	Between - 40°C and + 65°C
	Relative Humidity Range	10% to 90%
SOFTWARE	Features	Linux-based management portal and RovLocker application
		Physical and cloud-based server capability
		Online and offline scenarios
PHYSICAL LINKS	Connection Types	Copper: Standard, ADSL, 3G GSM Module / 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
	Compartment Door	High quality aluminum injection
	Painting	Environmentally resistant polyester paint compatible with RAL colors



Distinctive Features of RovLocker

Lock Technology

With its unique aluminum alloy structure, negative feed solenoid actuators, sensors, RovLocker locks are highly secure, reliable, and easy to use. All electronic and mechanics are designed developed by Rovenma. Locks are directly embedded in the compartments so it makes it impossible to access by unauthorized people.

Ease of Front Maintenance

RovLocker locks are embedded inside the compartments and can be reached by pulling the modules forward, as an advanced mechanic feature. Thanks to frontal maintenance, specific lock can be replaced while the rest of the locker still operates. Thanks to this unique technology of RovLocker, maintenance duration and costs are highly reduced.

Module Control Unit

Module control units on each module makes the high-speed connection between locks and decreases the maintenance and installation durations. It is specially designed and produced by Rovenma team.

PMMA – IK 10 Level

Niche design for the HMI cover increases the protection of the HMI electronics to IK 10 level. Also the instructions on the cover makes users to follow the steps while using RovLocker.





Distinctive Features of RovLocker

Smart Energy Consumption

RovLocker, can be directly connected to mains electricity. It has an efficient energy consumption thanks to its engineering optimizations in components.

Working Offline

Offline operation feature of RovLocker enables customers and carries to operate the locker even there is no internet connection. All the logs during

Bluetooth

Without touching the screen, RovLocker can be directly operated through bluetooth and mobile app.

Compartment Technology

It offers the best customer experience and also provides convenience for people with disabilities.



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