

rovenma



Parcel Lockers



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rovløcker

Rovenma

Rovenma was founded in 2016 to produce Parcel Lockers.

Thanks to its own multidisciplinary team, Rovenma specialized R&D, production and after-sales teams. All activities performed are conducted with the aim of high standard customer satisfaction.

We believe that, parcel lockers will be a common part of urban areas all around the world and that's why aesthetic design is one of the most important missions of Rovenma.

The only way to design, develop and produce such a unique product, is to have a devoted and happy team. Therefore, Rovenma makes the biggest investment to its human resources for being a successful technology company.



ISO
9001:2015

ISO
10002:2018

ISO/IEC
27001:2013

ISO
14001:2015

IP 54

CE

Your Long Term Solution Partner

Research and Development

Rovenma multidisciplinary R&D team in Hacettepe Technocity, has the following capabilities;

- > Mechanical Design
- > Industrial Design
- > Visual Design
- > Electronic Card Design
- > System Engineering
- > Embedded Software Development
- > PC Software Development
- > Server Software Development
- > Linux OS Development
- > Cloud-Based/On Promise

Manufacturing

Rovenma production facility, where the R&D capabilities are transformed into production, is located in Ankara.

Rovenma can carry out the following processes;

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



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 parcel delivery/return processes.

Along with its high quality electronics, mechanics and software technologies, Rovlocker provides 24/7 unique parcel delivery/return experiences.



Receive
Notification



Show
QR



Get
Parcel



Works with mains electricity



Via



EAL

Unique Mechanical Design

Rovlocker provides the best customer experience with not only its own design electronic locks and software systems but also unique mechanical design.

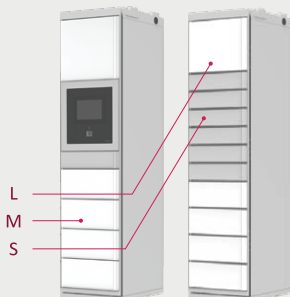
Frontal maintenance is one of the unique mechanical structures which greatly reduces the duration and cost of maintenance.



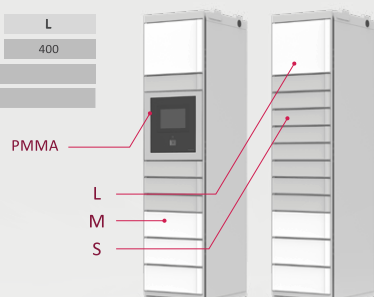
- > The world's fastest installation and dismantling parcel locker
- > Installation in 1 hour
- > Dismantling in 30 minutes

Compartment Dimensions

	S	M	L
Height	100	200	400
Width	360 / 450		
Depth	550		



Type A

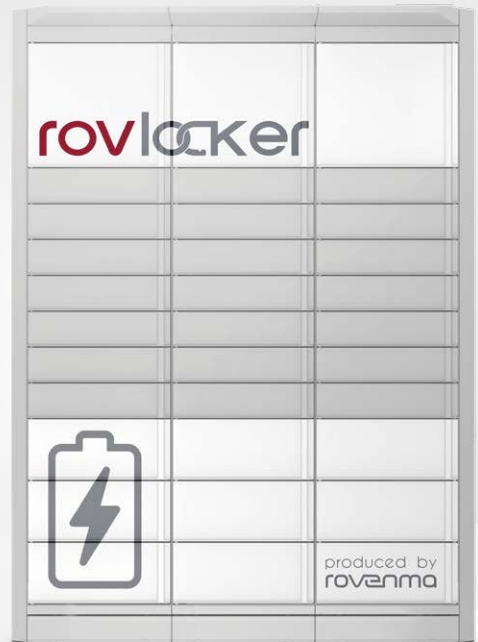


Type B

Battery Powered Rovlocker

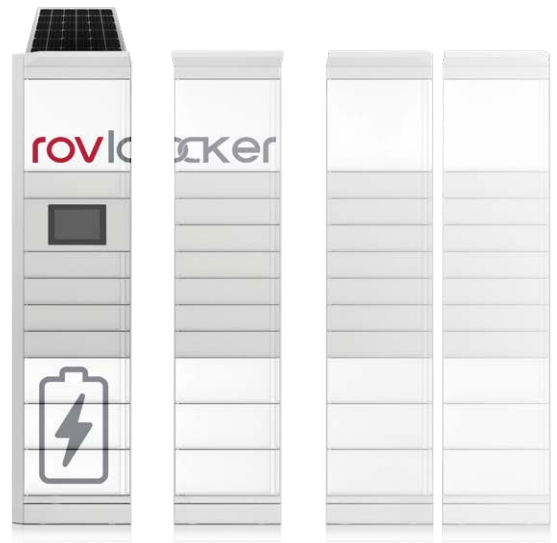
- > No Screen
- > No PC
- > No Modem
- > No Infrastructure work

- > 10 years with one battery
- > Bluetooth® operated
- > Used by smart phones/watches
- > Single or multiple modules
- > Outdoor or indoor
- > 0 dB silence



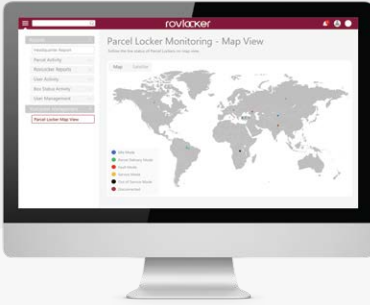
Optional Model with Screen/Pinpad

- > 5 years with solar charging with one battery



Software Solutions

All software systems; back-end, front-end and remote software contain millions of lines of codes and are continuously being developed.



- > **Offline Working**
- > **Remote Management**
- > **Physical or Cloud Server Systems**
- > **User Friendly Interfaces**

Applications

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



Perspectives

With its distinctive features and long-life cycle, Rovlocker has many reasons to be the best last mile solution not only for business purpose but also environmental benefits.

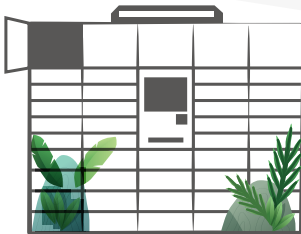


Corporate perspective;

- > 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



Environmental perspective;

- > Tones of CO₂ reduction
- > Traffic jam and noise reduction
- > Sustainability

Technical Specifications (Non Battery Powered)

CATEGORY	SUBCATEGORY	FEATURES
COMPUTER	PC	Industrial motherboard
HMI (Human-Machine Interface)	Touch Screen (O)	10" & 15" Impact and Scratch Resistant
	Front Camera (O)	1.3 MP 1280*960-1/3inch lens sensor-USB
	Barcode Reader	1D, 2D and readable from paper/screen
	PMMA Frontage	IK10 level protection and aesthetic design
SECURITY	IP Camera and NVR (O)	IP Camera with Night Vision and NVR System
	Software	Encrypted Communication
	Electronic Locks	High technology, 16 years life cycle, vandal-proof
	RGB Electronic Locks (O)	Different colors LED indicators
	Mechanical Locks	Upper and downside of the inner module
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 operation system
		Remote management portal and application
		Physical and cloud-based server capability
		Online and offline scenarios
NETWORK	Connection Types	3G, 4G, 5G, ViMAX
ENERGY MANAGEMENT	Power source (UPS) (O)	230V AC
	Annual Consumption	Approximately 1800 kWh (with one IP Camera and NVR for 7 modules)
	Leakage Relay	Standard 30mA in terms of human health and safety
	EMC Filter	To prevent damages arising from current and voltage
	Fuse	10A
EXTERNAL BODY	Materials	Steel and durable material
	Compartment Door	High quality aluminum injection
	Painting	Environmentally resistant polyester

Distinctive Features of Rovlocker

Lock Technology

Electronic lock and mechanical lock technologies are designed and produced by Rovenma. Rovlocker locks are highly secure and reliable with its unique structure, negative feed solenoid actuators and sensors.

Electronic locks are directly embedded in the compartments which cannot be reached by unauthorized people.

Ease of Frontal Maintenance

As an advanced mechanic feature, frontal maintenance provides easy and fast maintenance.

Thanks to this unique technology, the duration and the cost of maintenance and service are greatly reduced.

Module Control Unit

Module control units on each module make the high-speed connection between locks and decrease the duration of installation and maintenance.



Distinctive Features of Rovlocker

PMMA Frontage

PMMA Frontage is a niche design which creates an aesthetic look that will improve the appearance. It is the protection of the HMI electronics according to IK 10 level protection. It helps users to follow up the instructions and protects the LCD from environmental conditions.

Smart Energy Consumption

Rovlocker has low energy consumption thanks to its efficient and smart electronics.

Working Offline

Offline operation feature of Rovlocker enables customers and couriers to operate the parcel locker even when there is no internet/server connection. All the logs during this period is sent to the servers when the connection is reestablished.

Bluetooth

Rovlocker can be directly operated through bluetooth via mobile/watch apps.





rovløkker

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Universiteler Mahallesi 1598. Caddesi,
Hacettepe Teknokent 6. An Bc A Blok
Kat:26, 9. Kat, 06800, Beştepe /
Çankaya / Ankara / Türkiye

+90 312 397 5454

sales@rovenma.com

www.rovenma.com
