



Made in Czech Republic
Powered by FMK



About Company

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New Products 2024

F-BOX
Wireless safety system
Solar energy system
Camera
Universal control unit
F-LINX app

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About Company

FMK Motorized is a leading company in the door automation and entry systems industry, specializing in the production and distribution of high quality products. With a commitment to innovation, reliability, and customer satisfaction, FMK Motorized has established itself as a trusted brand in the global market.





Our Mission

At FMK Motorized, we are dedicated to providing our customers with cutting-edge solutions that enhance performance, efficiency, and safety. Our extensive range of products includes electric motors, motor controllers, safety and drive systems. Last but not least, also an application enabling control of FMK products via the F-LINX application designed to meet the diverse needs of our clients across various industries.



Company Responsibility

FMK Motorized Company's ethos of responsibility includes a multifaceted approach to business operations, ensuring ethical conduct, safety standards, environmental stewardship and community involvement. With a strong sense of corporate social responsibility (CSR), the company strives to be not only a leading manufacturer of drive systems, automation and safety systems, but also a positive force in society and industry.

FMK Motorized Company is aware of its multifaceted responsibilities and helps it maintain a reputation as a reputable brand, foster customer loyalty, attract top talent, and have a positive impact on society and the environment.





Sustainable Consumption and Production

FMK Motorized is committed to sustainability and environmental responsibility. We strive to minimize the environmental impact of our products and operations by implementing sustainable manufacturing practices and investing in eco-friendly technologies. Through these efforts, we aim to contribute to a greener, more sustainable future for generations to come.



DECLARATION

EN 60335-1:2012
Industrial, commercial and pleasure doors and gates - Safety in use of power operated doors - Mechanical and similar electrical appliances - Safety - Part 1: General requirements

EN 61000-6-2:2005
Electromagnetic compatibility (EMC) Part 6-2 Generic standards - Immunity standard for industrial, commercial and light industrial environments

EN 61000-6-3:2007
Electromagnetic compatibility (EMC) Part 6-3 Generic standards - Emission standard for residential, commercial and light industrial environments

Date: 22.8.2023

Jovana Lang
General Manager

Martin Králík
General Manager

FMK
FOTONIKÁŘSKÝ
MONTÁŽNÍ
KONSTRUKČNÍ
PRŮMYSL
S.R.O.
Česká republika, 767 01 Kroměříž
Stolická 2464/43
IČ: 258 77 018
DIČ: CZ025877018

REGISTRATION CERTIFICATE

Registration number 13.988.294
issued for the manufacturer:
FMK motorized s.r.o.
Stolická 2464/43
CZ - 767 01 Kroměříž
Company Registration No.: 10877193

Name:
Type designation:
Modification:
Place of the production:
for the product:
BASE
BASE 35, BASE 50, BASE 70
Industrial door drive

at which the certification has been conducted pursuant to certification scheme SC114 - based on ISO/IEC 17067 scheme 1a and in accordance with TÜV SÜD Czech certification system. The results are stated in Evaluation report file No. 13.988.459 from 31.08.2021.

The product type mentioned above fulfills the applicable requirements of the following regulations/standards which were the basis for its evaluation:
CSN EN 60335-1 ed 3 (IEC 60335-1), CSN EN 60335-2-103 ed 2 (IEC 60335-2-103), CSN EN 12453-2010 article 5.3.2 (EN 12453 article 5.3.2), CSN EN 61000-6-3 (IEC 61000-6-3), CSN EN 61000-6-2 (IEC 61000-6-2)
(Stated standards are the current edition, including any amendments.)

This certificate is valid till: **30.09.2024**

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

This certificate is issued on the basis of voluntary certification, and it does not substitute outputs of the authorized or notified body.

Prague, 30.09.2021

TÜV SÜD Czech s.r.o. • Husova 994 • 142 21 Prague 4 • Czech Republic • certification.tuv-sud.cz

ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICATO • CERTIFICAT

bei dem die Zertifizierung auf der Norm ISO 17067 (Zertifizierungssystem) im Bewerbsverfahren am 31.8.2021 durchgeführt wurde.

Das oben genannte Produkt wurde im Rahmen der Zertifizierung im Bereich der Vorzeichen/normativer Dokumente (Zertifikat) gemäß den Anforderungen der Normen (IEC 60335-1 ed 3 (IEC 60335-1) und IEC 60335-2-103 (IEC 60335-2-103)) (Bei den angegebenen Normen sind die jeweils gültigen Ausgaben gemeint) zertifiziert.

Die Einzelheiten und Gültigkeitsbedingungen sind in der Anlage 1 (Seite umfasst) angegeben.

Dieses Zertifikat wird auf Basis der freiwilligen Zertifizierung ausgestellt und ersetzt nicht die Ausgabe durch eine autorisierte Stelle.

Prag, 30.09.2021

TÜV SÜD Czech s.r.o. • Husova 994 • 142 21 Prague 4 • Czech Republic • certification.tuv-sud.cz

Attestation of Compliance

Reference No.: LCS210506218AS

Applicant: FMK motorized s.r.o.

Address: Stolická 2464/43, 767 01 Kroměříž Czech Republic

Product: Industrial Door Drive Operator

Model(s): BASE 70NM, BASE 50NM, BASE 35NM

Parameters: See model list

EN 60335-1:2012+A11:2014+A12:2017+A1:2019+A14:2019+A12:2019; EN 60335-2-103:2015; EN 60335-2-103:2015; EN 12453:2010; EN 61000-6-3:2007; EN 61000-6-2:2005

The products have been tested by us with the listed standards. It confirms that the listed product complies with all essential requirements of the standards referred to in the model list and its technical documentation submitted for testing.

The necessary technical documentation as well as the EC conformity marking and CE marking can be allowed on the product. Other relevant Directives apply.

Attestation of Compliance

Reference No.: LCS210506218AS

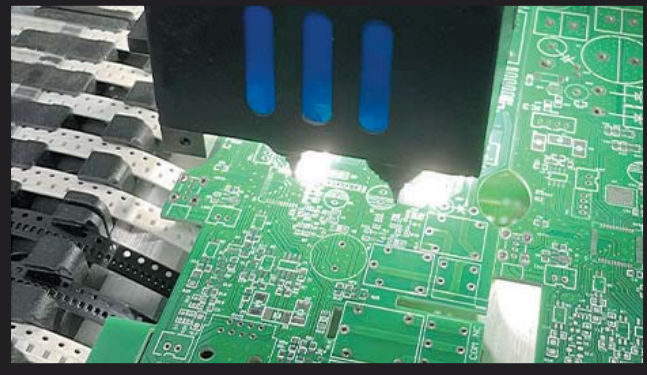
Applicant: FMK motorized s.r.o.

Address: Stolická 2464/43, 767 01 Kroměříž Czech Republic

Product: Industrial Door Drive Operator

Model(s): BASE 70NM, BASE 50NM, BASE 35NM

Parameters: See model list





Certification & Quality

Quality assurance is embedded in the culture at FMK Motorized. Quality control (QC) measures are not an afterthought, but an integral part of the manufacturing process. Every FMK product must go through a series of rigorous tests and inspections to ensure that every aspect, from engine performance to safety features, meets the highest standards of excellence.

FMK's certification and quality do not end at the factory gates. The company uses an extensive supplier vetting process to ensure that every component integrated into FMK products comes from the same quality manufacturers. This supply chain management strategy has resulted in durable partnerships and a robust product that customers can trust every time they use an FMK product.



Wuxi



Shenzhen



Kromeriz



Production

FMK Motorized Company, a visionary in the door and entrance automation industry. Known for its state-of-the-art equipment and commitment to sustainability, FMK is at the forefront of manufacturing highly technologically advanced propulsion and SMART systems to satisfy the modern consumer.

One of the main strengths of FMK Motorized is its relentless pursuit of manufacturing efficiency. By integrating cutting-edge automation technologies with lean manufacturing principles, FMK was able to minimize waste, streamline operations and increase assembly accuracy of its products.

A photograph of a business meeting. In the center, two people in dark suits are shaking hands. The background shows a large window with a view of a city. In the foreground, a wooden table is covered with various business documents, including bar charts, pie charts, and a calculator. The text 'Start a collaboration Full of advantages' is overlaid in white on the image.

Start a collaboration

Full of advantages

Why Cooperate with Us

As a global company, FMK Motorized operates with a commitment to integrity, transparency, and ethical business practices. We adhere to the highest standards of corporate governance and compliance, maintaining a culture of honesty and accountability in all our operations. Our business relationships are built on trust and respect, and we are dedicated to fostering long-term partnerships with our clients, suppliers, and stakeholders.



**Fast Service &
Short Delivery Time**

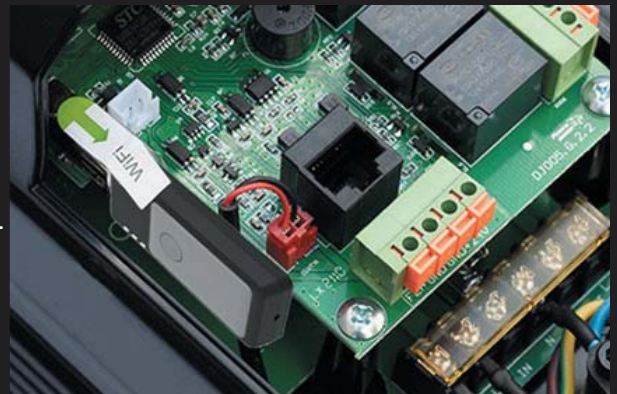
Transport Management



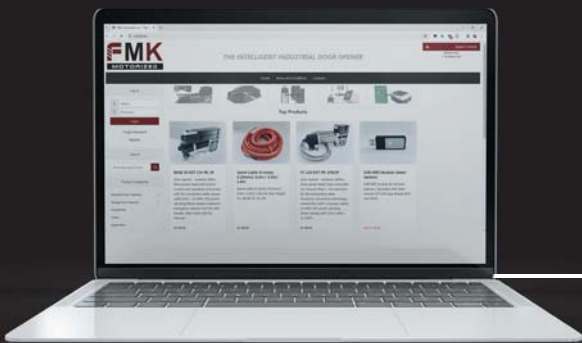
**New Product
Exhibits at Expos**



Newest Technologies



Easy Orders System







New Products 2024

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24 Wireless safety system

Wireless safety edge kit



Wireless air switch kit

Wireless photo beam



Wireless wicket door switch

Wireless slack cable switch



32 Light curtain



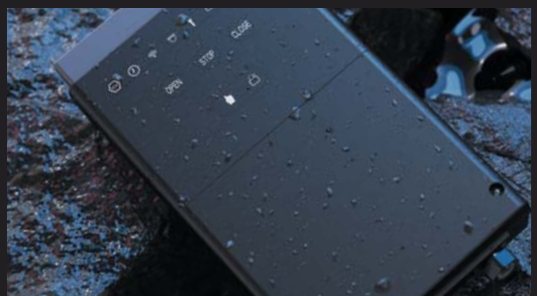
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36 Camera



38 Universal control unit



40 F-LINX app



F-BOX

F-BOX can connect all door openers to smart garage and yard systems controlled by F-LINX. Control your gates, industrial doors, garage doors and rolling shutters.



Control your property with your voice assistant.

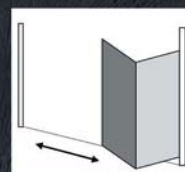
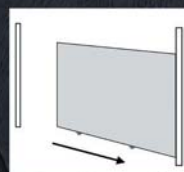
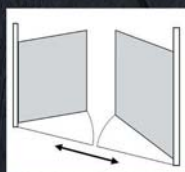
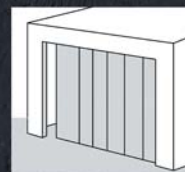
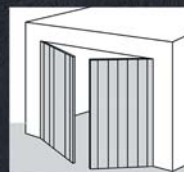
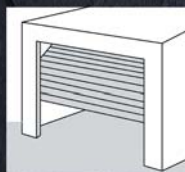
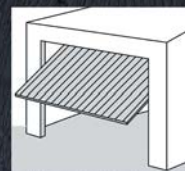
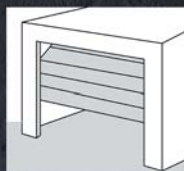


works with
Apple HomeKit



works with
Google Assistant

F-BOX kits are compatible with all types of garage doors, industrial door and gate openers.



Wireless safety edge kit F-OPTO



F-BOX



Wireless safety junction box



Optical edge sensor set

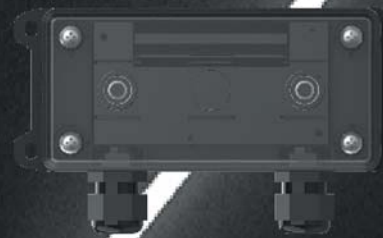
The wireless safety junction box serves as the transmitter and the F-BOX serves as the receiver. They communicate through RF frequency hopping technology.

Wireless air switch kit

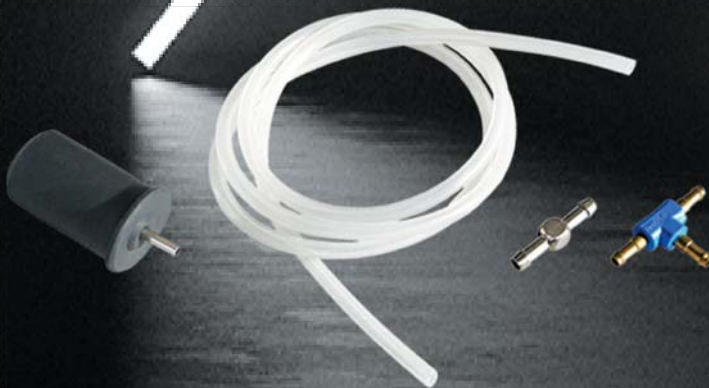
F-AIR



F-BOX



Wireless safety junction box



Air switch kit

The wireless safety junction box serves as the transmitter and the F-BOX serves as the receiver. They communicate through RF frequency hopping technology.



Wireless photo beam

F-BEAM



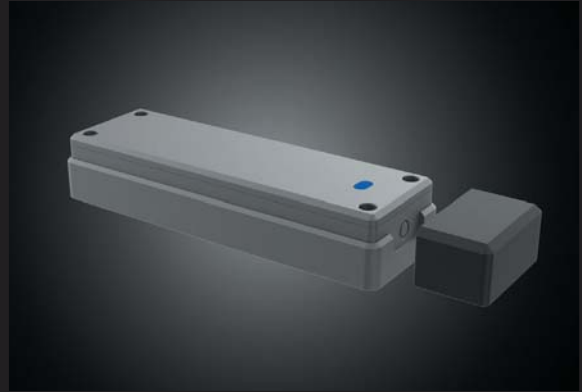
A wireless photo beam system enhances garage door safety by using an infrared beam to detect obstacles, preventing the door from closing on objects, pets, or individuals. This technology operates without physical wiring between sensors, making installation straightforward and visually unobtrusive.

The system includes two main components: a transmitter and a receiver, which are positioned on opposite sides of the garage door. When the path between the transmitter and receiver is uninterrupted, the door operates normally. However, if the invisible beam is broken, the system signals the door to reverse its motion, thereby preventing potential harm or damage.



Wireless wicket door switch

F-WICKET



The wireless door switch is a modern security accessory aimed at increasing the convenience and security of access systems, especially in commercial and industrial environments. This innovative tool works by wirelessly cooperating with the drive, for example, industrial gates with an integrated wicket door.

The switch, designed to operate via radio frequencies, allows blocking the use of the door operator in the case of an open entrance door when a paired device sends a signal. Communication between the device and the switch is encrypted, which ensures a high level of security and reduces the risk of jamming the transmission.

Installing a wireless wicket door switch is relatively simple as it does not require extensive wiring or complex infrastructure.



Wireless slack cable switch

F-CORD



The wireless slack cable switch is an indispensable safety device designed for sectional industrial doors, which offers a safe mechanism to prevent accidents and ensure smooth operation. This equipment is especially important in warehouses, factories and other industrial environments where large motorized doors are often used.

The wireless slack cable switch is designed to detect any slack or break in the rope that supports the movement of the sectional door. In a typical arrangement, a sectional door is balanced by a system of cables and springs, which can occasionally loosen or snap due to wear or overload. If the cable loses tension or breaks, the slack cable switch immediately sends a wireless signal to the gate control unit to stop its operation, preventing further movement of the gate and possible injury or damage.



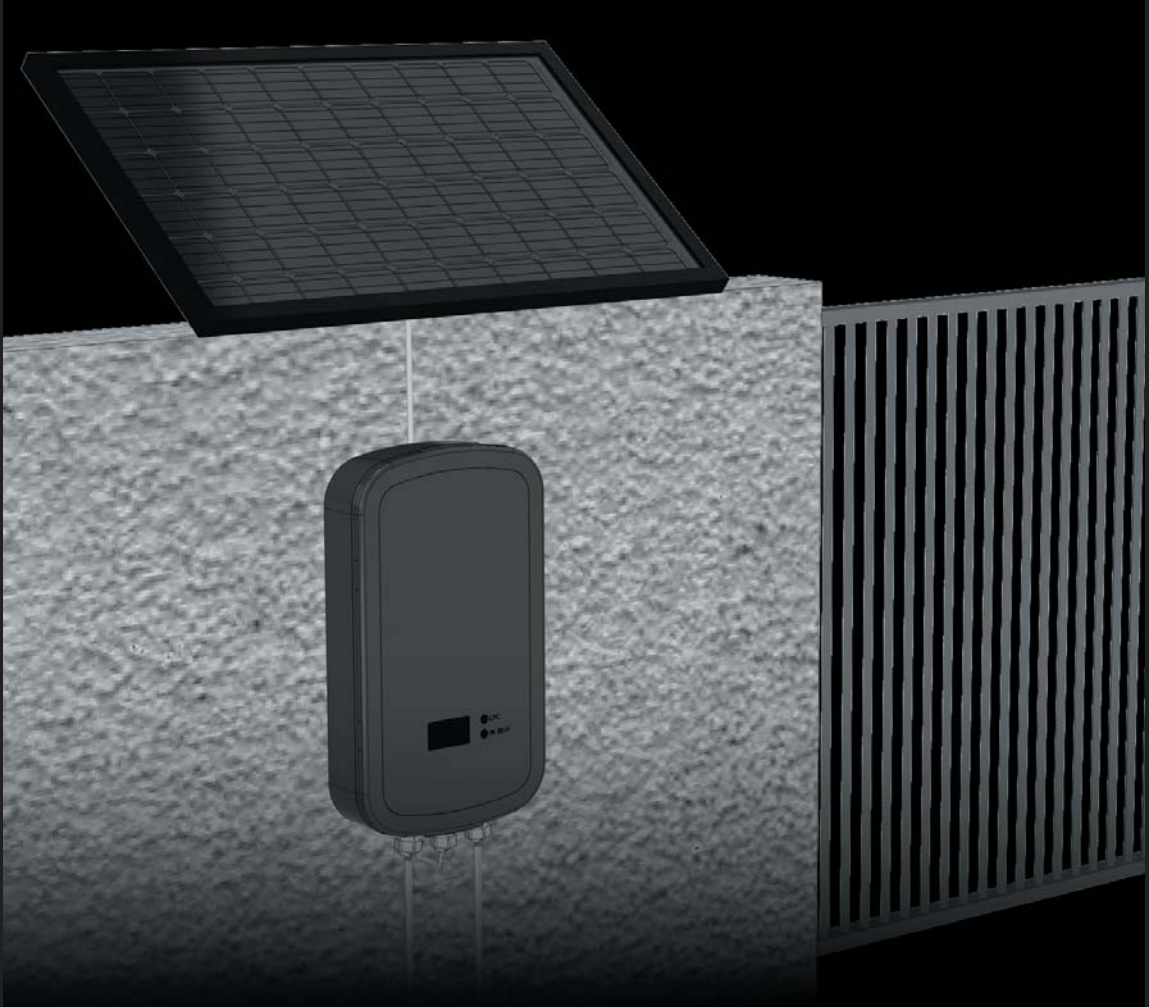
Light curtain

F-RASTER

The light curtain is a vital safety device designed for sectional industrial doors, serving to increase protection in environments where these large, motorized access points are used regularly. Primarily used in commercial, industrial and warehouse environments, the light curtain plays a vital role in preventing accidents and injuries, contributing to a safer workplace.

A light barrier works similar to an invisible safety barrier and consists of a series of photoelectric beams projected across the door opening. These beams create an intangible "curtain" that, when not interrupted, allows the gate to function as usual. However, if anything or anyone were to interrupt the beams passing through the opening, the light curtain would immediately send a signal to the door control system, prompting it to stop or reverse the door's movement to prevent possible damage.

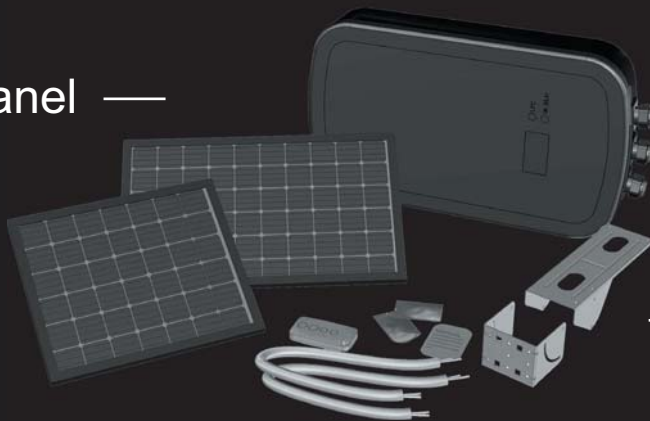
Solar energy system F-SUN



FMK Motorized is proud to introduce its state-of-the-art solar power system designed to provide clean, efficient and reliable power for a wide variety of 24 volt devices. This innovative system underlines FMK's commitment to sustainability and technological progress and reinforces its status as a pioneering leader in the door, entrance and automation technology industry.



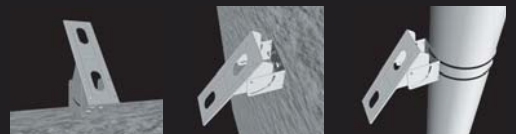
Solar panel —
20W & 40W

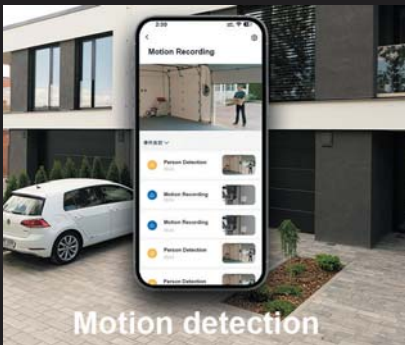
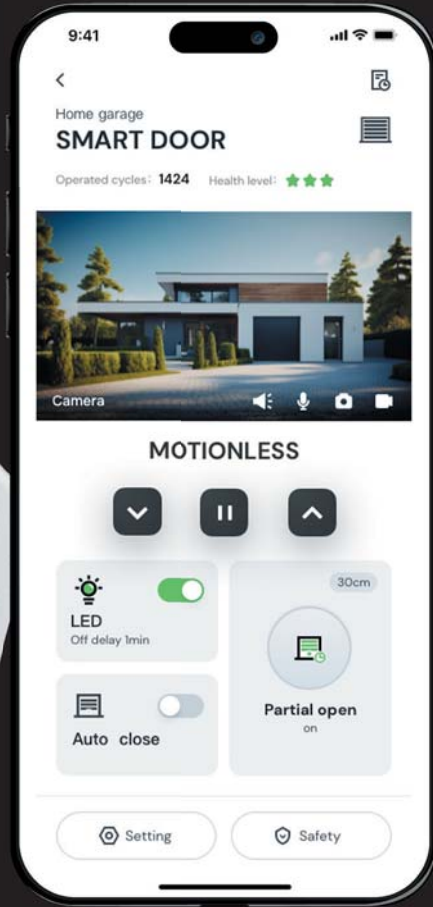


— Control unit
Inside the box:
Electronic control board
Lithium battery 4.5A & 9A

— Bracket

Connection cable —





Motion detection



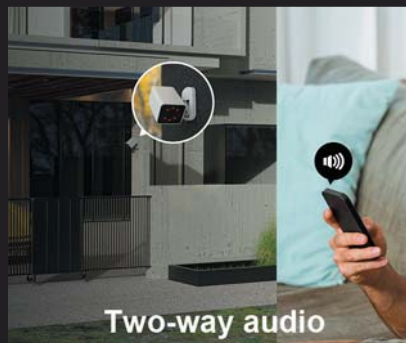
Night vision



3MP resolution



More integrations



Two-way audio



Dual-band wifi

Camera

F-CAM



3 million

pixels

IP 66

degree of protection

6 fill

lights

120°

viewing angle

0.5 T

computing power

360°

horizontal rotation

5-24 V

power supply supported

Storage

cloud storage

TF card storage compatible

2.4+5 G

dual frequency supported



220V Universal control unit OMNI-CONTROL 220 AC

FMK Motorized Company is proud of its latest innovation, the 220V universal control unit, carefully designed to offer unmatched versatility and compatibility with a wide range of door operator brands. This universal control unit is a sign of FMK's commitment to providing comprehensive solutions to meet the diverse needs of its customers.

A close-up photograph of a dark, textured control panel. In the top left corner, there is a prominent red circular emergency stop button with white curved arrows. Below it, a vertical strip contains three buttons: a white button with a grey upward-pointing arrow, a red button with a white center, and a white button with a grey downward-pointing arrow. To the right of this strip is a small black rectangular button. The background is a blurred blue and white textured surface.

380V Universal control unit OMNI-CONTROL 380 AC

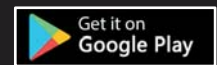
The FMK OMNI-CONTROL 380V universal control unit is designed for seamless synchronization with various gate drive systems regardless of brand. This feature-rich unit is the epitome of interoperability as it has been developed to understand and execute commands across the various protocols and technologies used by many gate operators on the market.



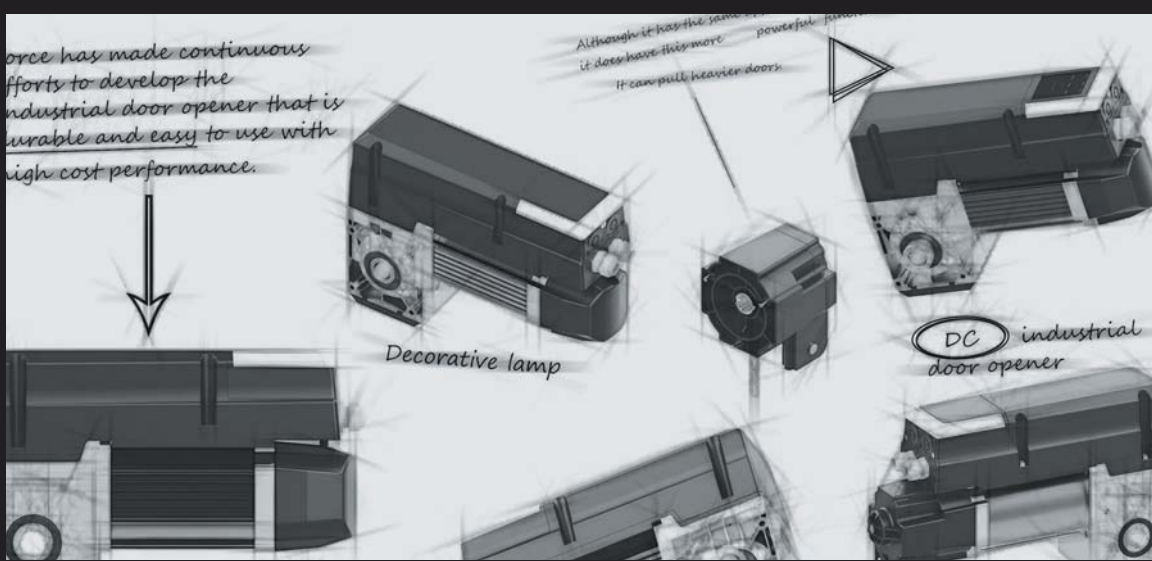
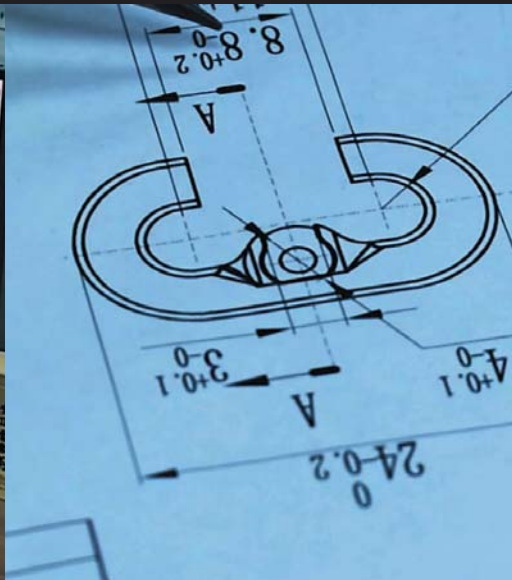
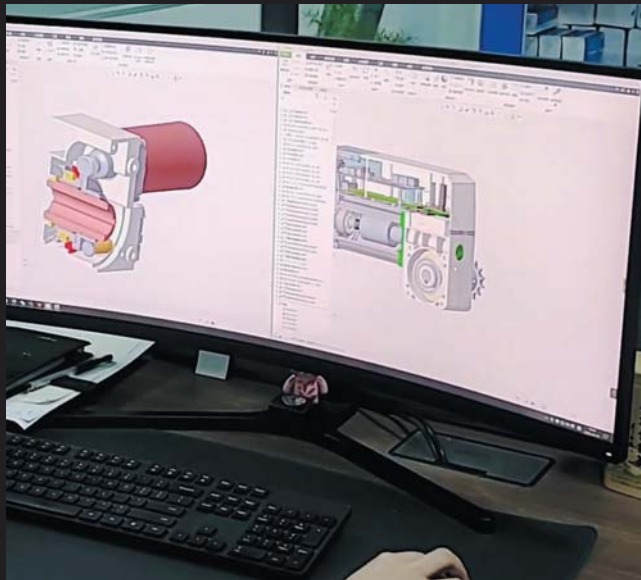
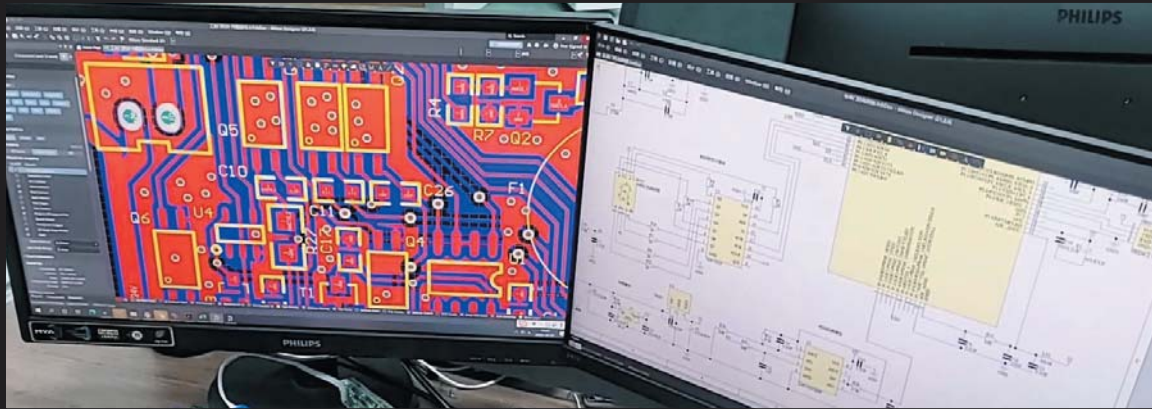


Start your smart life

A powerful APP platform which is based on residential, commercial and industrial door and gate openers.



Product Development





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