FORCE DOOR

FORCE DOOR

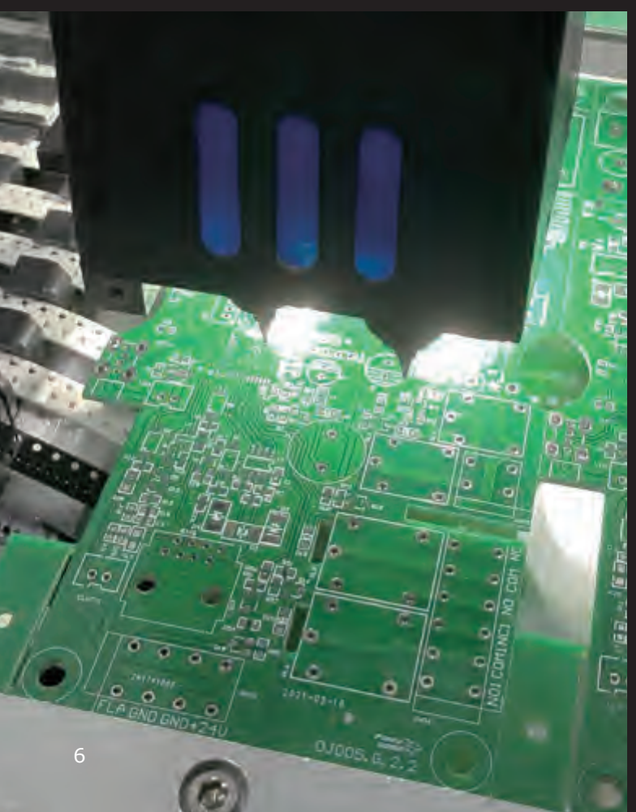
COMPANY PROFILE	FOR INDUSTRIAL	FOR RESIDENTIAL	FOR COMMERCIAL	SMART ACCESS CONTROL
About Company	DC Series	Garage Door Opener	Multi Drive	USB Wifi Module
Certificates	FC Series	Roller Door Opener	Commercial Door Opener	Smart Camera
	AC Series	Accessories		Solar Energy System
	Accessories			
04	***08***	***34***	***50***	***70***

ABOUT COMPANY

Our Experience: 15 years experience on designing, developing and manufacturing on both residential and industrial garage door industry. We focus on the innovation and high-technology research to bring new fresh products and services for our partners around the world. Consistent efforts on more safer and more efficiency working to improve the garage and industrial door performance.

Our Manufacturing Ability:

ISO9001 quality control certified for management, we are familiar with TUV / RCM laboratory rule for pre-certified manufacturing design. Allow the annual capacity for over 300,000 garage door openers, and 100,000 industrial door openers.



CERTIFICATES

Quality assurance is embedded in the culture at Forcedoor. Quality control (QC) measures are not an afterthought, but an integral part of the manufacturing process. Every 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.

Forcedoor'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 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 Forcedoor product.

INDUSTRIAL DOOR OPENER

BASE 35

INDUSTRIAL DOOR OPENER

RECOMMENDATION: DOOR SIZE & WEIGHT

Standard sectional doors with cylindrical cable drum			
Door size(max.)	18m²	Door weight(max.)	234kg
High lift sectional doors with cylindrical-conical cable drum			
Door size(max.)	18m²	Door weight(max.)	234kg
Vertical lift sectional doors with conical cable drum			
Door size(max.)	14m²	Door weight(max.)	182kg

BASE 50

INDUSTRIAL DOOR OPENER

RECOMMENDATION: DOOR SIZE & WEIGHT

Standard sectional doors with cylindrical cable drum			
Door size(max.)	24m²	Door weight(max.)	312kg

High lift sectional doors with cylindrical-conical cable drum			
Door size(max.)	24m²	Door weight(max.)	312kg

Vertical lift sectional doors with conical cable drum			
Door size(max.)	20m²	Door weight(max.)	260kg

BASE 70

INDUSTRIAL DOOR OPENER

RECOMMENDATION: DOOR SIZE & WEIGHT

Standard sectional doors with cylindrical cable drum			
Door size(max.)	28m²	Door weight(max.)	364kg

High lift sectional doors with cylindrical-conical cable drum			
Door size(max.)	28m²	Door weight(max.)	364kg

Vertical lift sectional doors with conical cable drum			
Door size(max.)	24m²	Door weight(max.)	312kg

FC 90

INDUSTRIAL DOOR OPENER

RECOMMENDATION: DOOR SIZE & WEIGHT

Standard sectional doors with cylindrical cable drum			
Door size(max.)	30m²	Door weight(max.)	390kg
High lift sectional doors with cylindrical-conical cable drum			
Door size(max.)	30m²	Door weight(max.)	390kg
Vertical lift sectional doors with conical cable drum			
Door size(max.)	30m²	Door weight(max.)	390kg

FC 120

INDUSTRIAL DOOR OPENER

RECOMMENDATION: DOOR SIZE & WEIGHT

Standard sectional doors with cylindrical cable drum			
Door size(max.)	40m²	Door weight(max.)	520kg

High lift sectional doors with cylindrical-conical cable drum			
Door size(max.)	40m²	Door weight(max.)	520kg

Vertical lift sectional doors with conical cable drum			
Door size(max.)	40m²	Door weight(max.)	520kg

AC 90

INDUSTRIAL DOOR OPENER

RECOMMENDATION: DOOR SIZE & WEIGHT

Standard sectional doors with cylindrical cable drum			
Door size(max.)	30m²	Door weight(max.)	390kg

High lift sectional doors with cylindrical-conical cable drum			
Door size(max.)	30m²	Door weight(max.)	390kg

Vertical lift sectional doors with conical cable drum			
Door size(max.)	30m²	Door weight(max.)	390kg

AC 140

INDUSTRIAL DOOR OPENER

RECOMMENDATION: DOOR SIZE & WEIGHT

Standard sectional doors with cylindrical cable drum			
Door size(max.)	40m²	Door weight(max.)	520kg
High lift sectional doors with cylindrical-conical cable drum			
Door size(max.)	40m²	Door weight(max.)	520kg
Vertical lift sectional doors with conical cable drum			
Door size(max.)	40m²	Door weight(max.)	520kg

	BASE 35	BASE 50	BASE 70	FC 90	FC 120	AC 90	AC 140
Maximum output torque	35Nm	50Nm	70Nm	100Nm	140Nm	100Nm	150Nm
Rated output torque	25Nm	35Nm	50Nm	90Nm	120Nm	90Nm	140Nm
Input voltage	110/220(1+10%)V 50Hz	110/220(1+10%)V 60Hz/50Hz 380V-420V	110/220(1+10%)V 60Hz/50Hz 380V-420V	110V/220V(1+10%) 380V-420V	110V/220V(1+10%) 380V-420V	110V/220V(1+10%) or 380V-420V	110V/220V(1+10%) or 380V-420V
Control system	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC
Motor power	0.35KW	0.45KW	0.55KW	0.6KW	0.85KW	0.6KW	0.85KW
Static holding torque	400Nm	400Nm	400Nm	400Nm	400Nm	400Nm	400Nm
Max. output speed	24rpm-32rpm	24rpm-32rpm	24rpm-32rpm	12rpm-32rpm	12rpm-32rpm	24rpm	24rpm
Limit switch range	15 turns	15 turns	15 turns	15 turns	15 turns	15 turns	15 turns
Sleeve shaft diameter(standard)	φ25.4mm	φ25.4mm	φ25.4mm	φ25.4mm/φ31.75 mm	φ25.4mm/φ31.75 mm	φ25.4mm/φ31.75 mm	φ25.4mm/φ31.75 mm
Keyway size	6.3mm	6.3mm	6.3mm	/	/	/	/
Thermal protection temperature	105℃	105℃	105℃	105℃	105℃	105℃	105℃
Current	/	/	/	3.0A	3.1A	3.0A	3.1A
Max. cycles per hour	20	20	20	20	20	20	20
Class of protection	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Temperature range	- 20℃ ~ + 60℃	- 20℃ ~ + 60℃	- 20℃ ~ + 60℃	- 20℃ ~ + 60℃	- 20℃ ~ + 60℃	- 20℃ ~ + 60℃	- 20℃ ~ + 60℃

ACCESSORIES

ACCESSORIES FOR INDUSTRIAL

DC CONTROL BOX

With 5/6/8/10m connection cable

PUSH BUTTON

With 5/6/8m cable

RADIO KIT

RC07 transmitter * 2

Plug in receiver card

WIFI MODULE

USB WIFI module for industrial door opener

FC CONTROL BOX

Control unit for FC IDO

AC CONTROL BOX

AC 380-400V

FLASH LIGHT

AC/DC 12-240V

Horizontal & Vertical installation supported

CHAIN HOIST ASSY

With 1m hand chain

4m extension chain kit

EMERGENCY STOP ASSY (SIGNAL STOP)

Single button to deadman mode

For DC industrial door control unit

EMERGENCY STOP ASSY (POWER STOP)

With 4.5/5.5m cable

SIDE MOUNTED CHAIN HOIST ASSY

With 1m hand chain

4m extension chain kit

WIRED PHOTO BEAM

Power supply: 3.7V DC

IP protection class: IP54

ACCESSORIES FOR INDUSTRIAL

OPTICAL EDGE SENSORS KITS

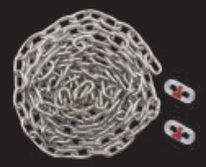
TX 6/10m cable, RX 1m cable
3.5/5.5m spiral cable
4/5 wires

LITHIUM BATTERY

For DC series of IDO
24V, 6.4Ah

Connection cable (10 cores)

8P-28AWG connection cable



Chain extension kit

Heavy bracke

OPTICAL EDGE SENSORS SET

TX 6/10m cable, RX 1m cable

WIRES SPIRAL CABLE

3.5/5.5m spiral cable
4/5 wires

230V DC power bule plug (three-phase)

380V DC power red plug (three-phase)

380V AC/FC power plug (three-phase)

Power cable extension

REFLECTIVE PHOTOELECTRIC SENSOR

12-30V DC,650nm red laser
for easy calibration

EXTENSION SHAFT ASSY

25.4mm(Only for BASE 35)
31.75mm(For all series of IDO)

Quick release hand cord

Ring for shaft

Chain hanger bracket

Main power switch for AC/FC control unit

ACCESSORIES FOR INDUSTRIAL

F-BOX

You can control your industrial doors everywhere of the world by"F-linx" APP.

Wireless communication using multi frequency technology between F-BOX and wireless safety system.

This allow users to linked with "F-linx" APP for "Safety Center" to track all information about safety and security of the doors and gates.

F-linX

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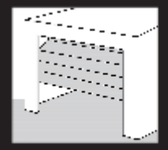
SMART ACCESS

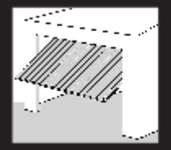
Works with a sensor to control your door in the APP.

F-BOX

WIRELESS TILT SENSOR



SECTIONAL DOOR



TILT DOOR

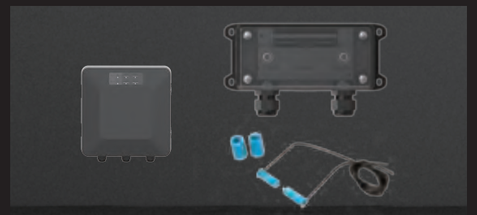
SMART SAFETY SYSTEM

Pairs with safety accessories.

Check the status in the APP security center.

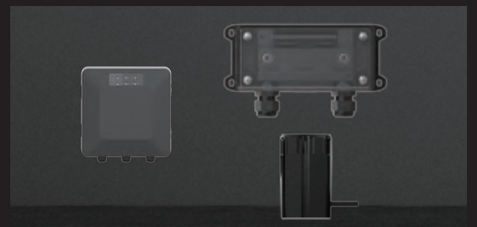
WIRELESS WICKET DOOR SWITCH

WIRELESS PHOTO BEAM



WIRELESS OPTICAL SAFETY EDGE

WIRELESS AIR SWITCH

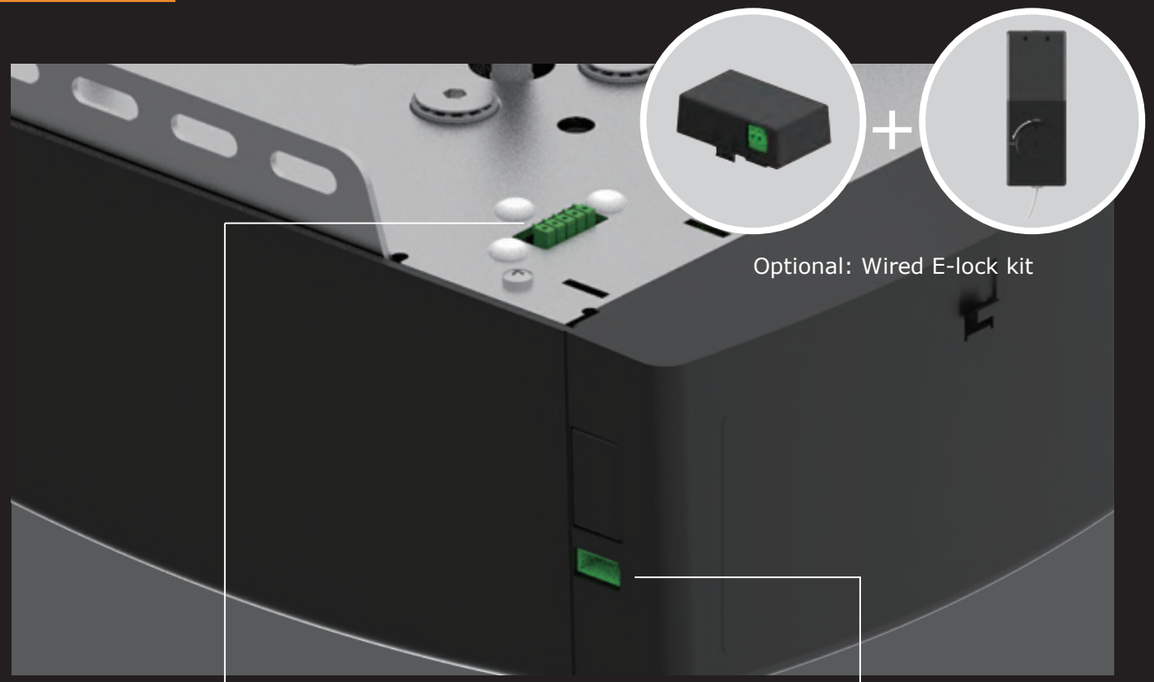


WIRELESS SLACK-ROPE SWITCH

WIRELESS E -LOCK

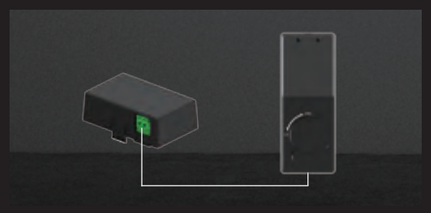
GARAGE DOOR OPENER

STD



EXTERNAL RELAY MODULAR PORT

Optional: Wired E-lock kit

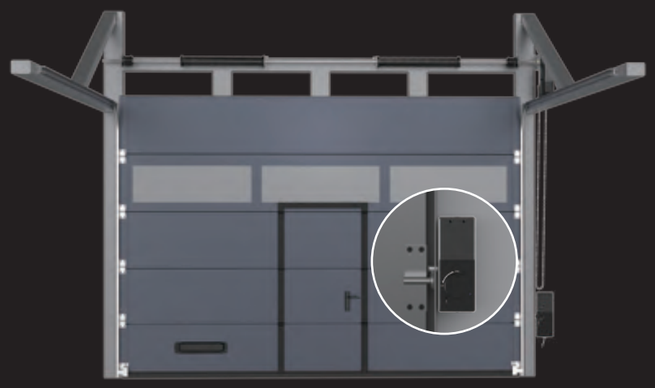


Just need external relay modular+wired E-lock kit, improve user doors security level.

USB WIFI PORT

Optional: USB WiFi module

Just need the USB WiFi module to control your doors by “F-LinX”APP.



F-LinX

Get it on Google Play

Download on the App Store

PRO

BUILT-IN WIFI

You can smart control the door by “F-LinX”APP. Linked with “F-linX”APP for "safety center" to track all data about safety accessories of the door and gates, provides one-stop after-sales service.

F-LinX

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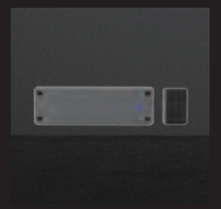
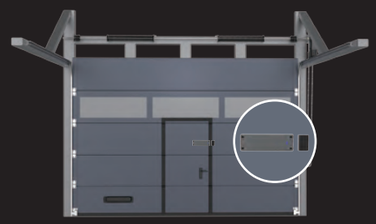
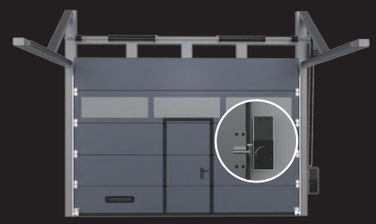
Download on the App Store

WIRELESS WICKET DOOR





WIRELESS E-LOCK



WIRELESS PHOTO BEAM

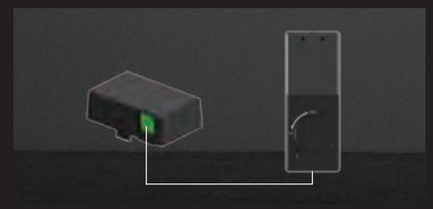
PLUS II

PARAMETERS

Model	600N / 600N-Speed	1000N / 1000N-Speed	1200N
Input voltage	220-240V / 110-127V, 50-60Hz		
Max. door height	2400-5000mm		
Bottom base material	Metal		
Drive mechanism	Chain / Belt		
Max. opening speed	160mm/s 240mm/s		
Frequency	433.92MHz / 868.35MHz		
Max. door area	7m²	11m²	13m²
Max. door weight	90kg	140kg	160kg

STD

External relay module



Optional: Wired E-lock kit

USB WiFi port

F-LinX

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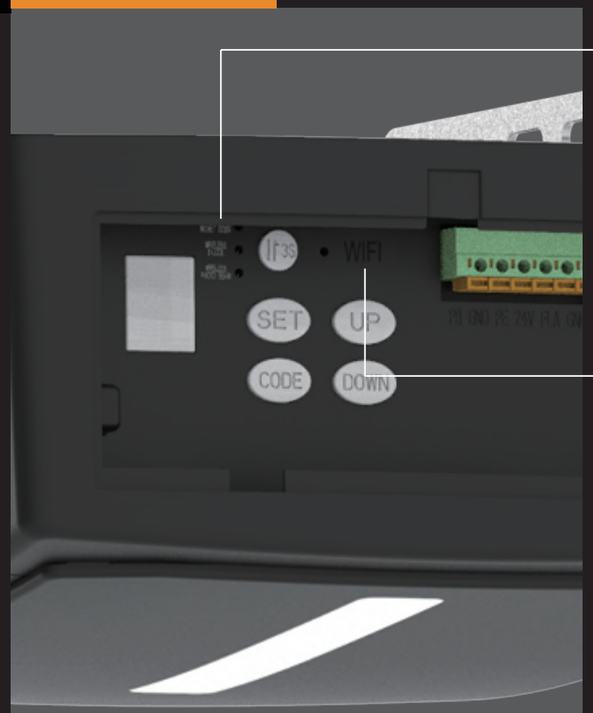
PRO



Wireless wicket door switch
Wireless E-lock
Wireless photo beam

Built-in WiFi

F-LinX

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PARAMETERS

Model	600N / 600N-Speed	1000N / 1000N-Speed	1200N
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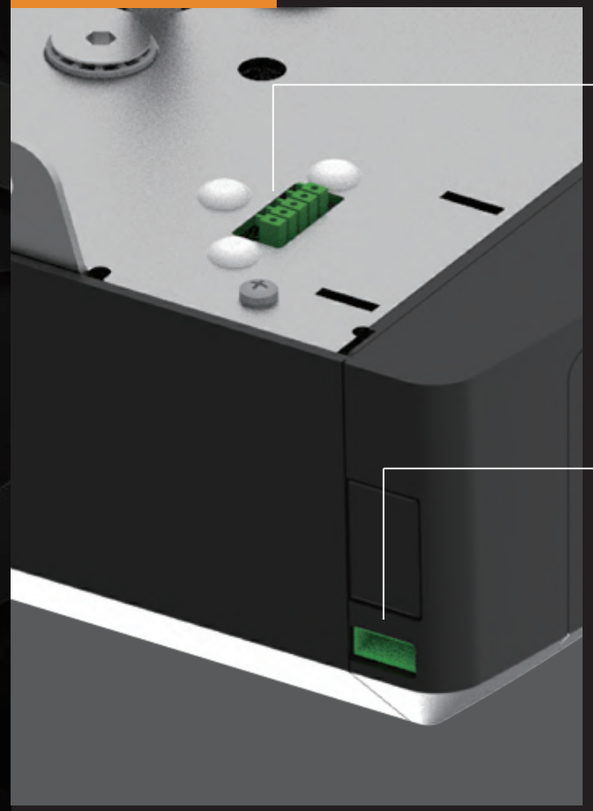
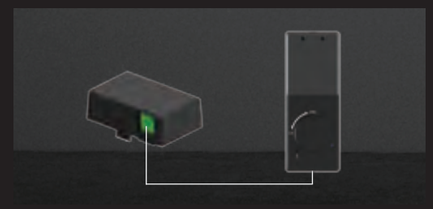
STD



External relay module



Optional: Wired E-lock kit

USB WiFi port

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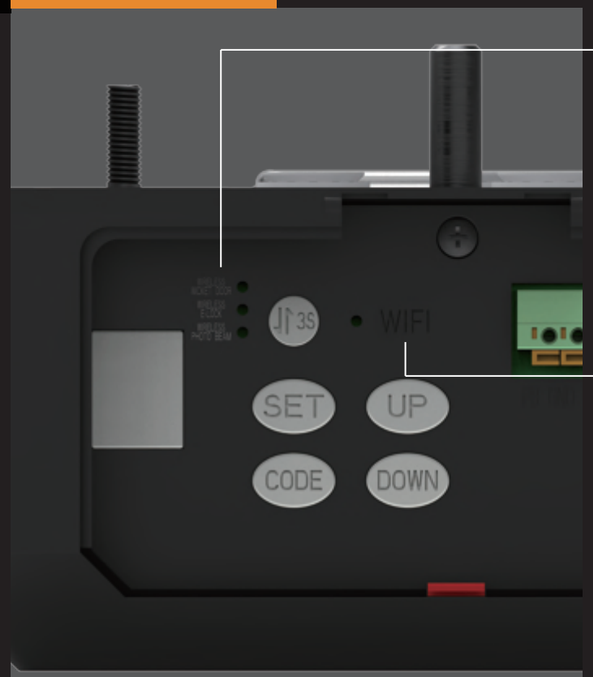
PRO



Wireless wicket door switch
Wireless E-lock
Wireless photo beam

Built-in WiFi

F-LinX

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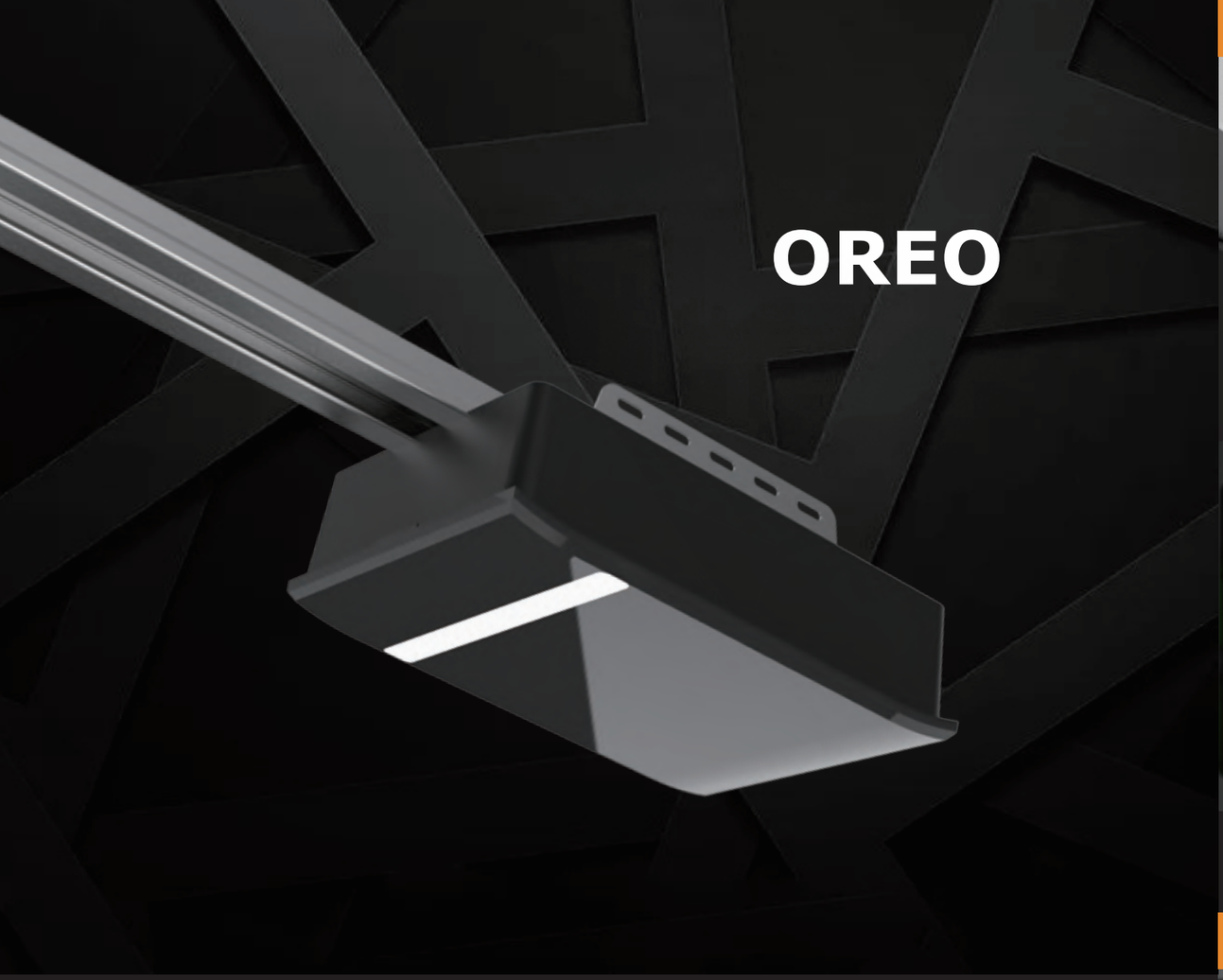
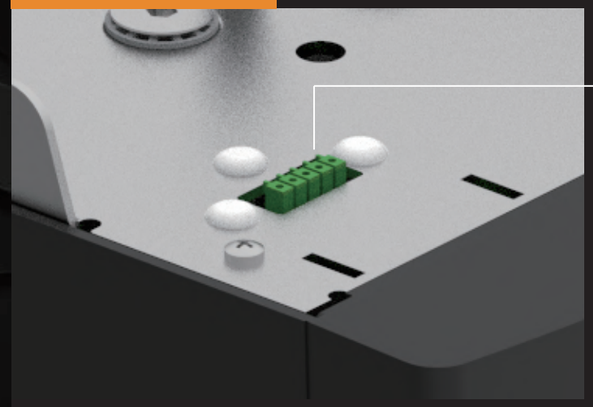


OREO

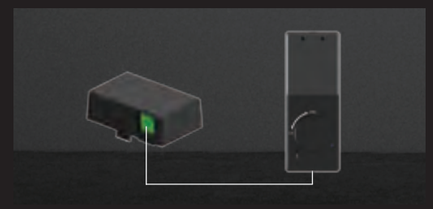
PARAMETERS

Model	600N / 600N-Speed	1000N / 1000N-Speed	1200N
Input voltage	220-240V / 110-127V, 50-60Hz		
Max. door height	2400-5000mm		
Bottom base material	Metal		
Drive mechanism	Chain / Belt		
Max. opening speed	160mm/s 240mm/s		
Frequency	433.92MHz / 868.35MHz		
Max. door area	7m²	11m²	13m²
Max. door weight	90kg	140kg	160kg

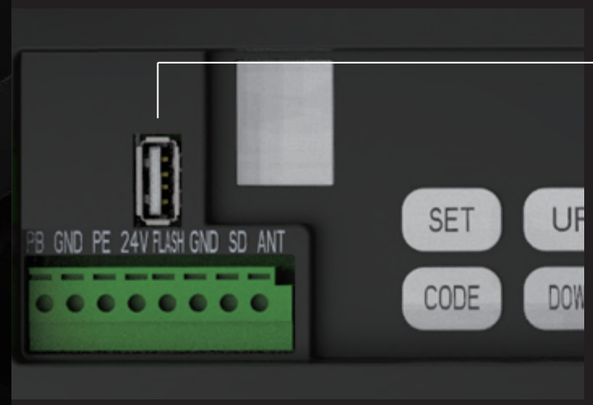
STD



External relay module



Optional: Wired E-lock kit



USB WiFi port

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PRO

Wireless wicket door switch
Wireless E-lock
Wireless photo beam

Built-in WiFi

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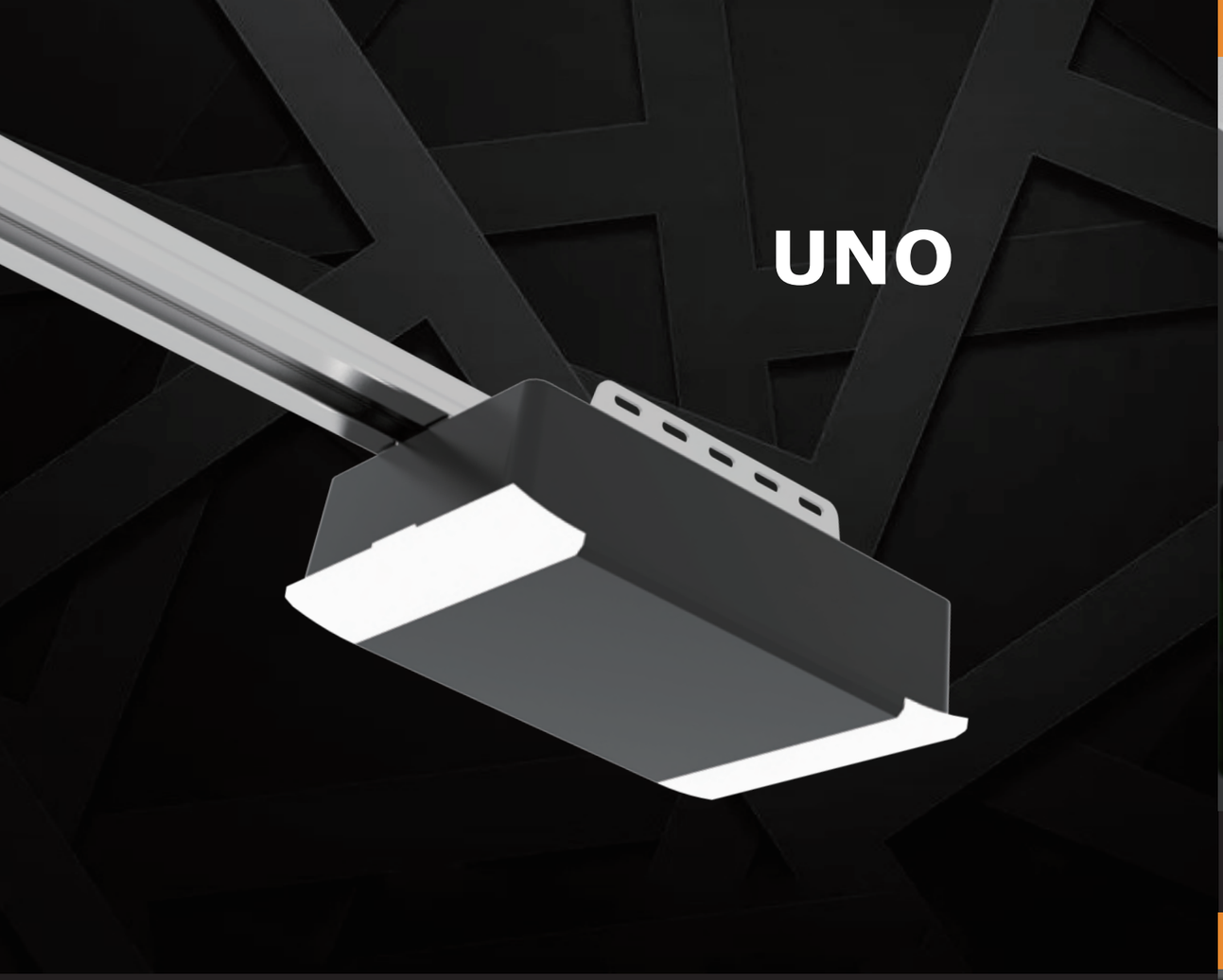
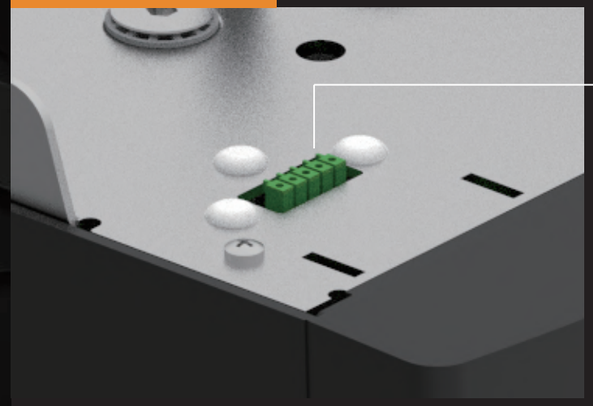


UNO

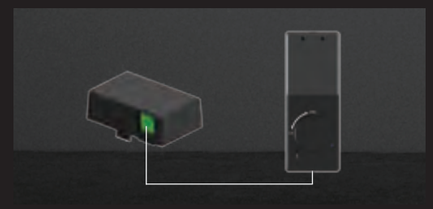
PARAMETERS

Model	600N / 600N-Speed	1000N / 1000N-Speed	1200N
Input voltage	220-240V / 110-127V, 50-60Hz		
Max. door height	2400-5000mm		
Bottom base material	Metal		
Drive mechanism	Chain / Belt		
Max. opening speed	160mm/s 240mm/s		
Frequency	433.92MHz / 868.35MHz		
Max. door area	7m²	11m²	13m²
Max. door weight	90kg	140kg	160kg

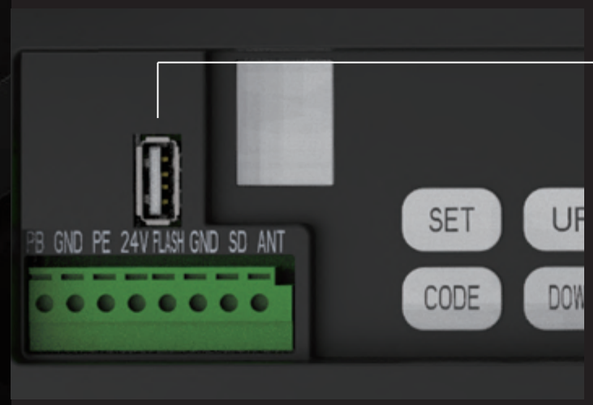
STD



External relay module



Optional: Wired E-lock kit



USB WiFi port

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Wireless wicket door switch
Wireless E-lock
Wireless photo beam

Built-in WiFi

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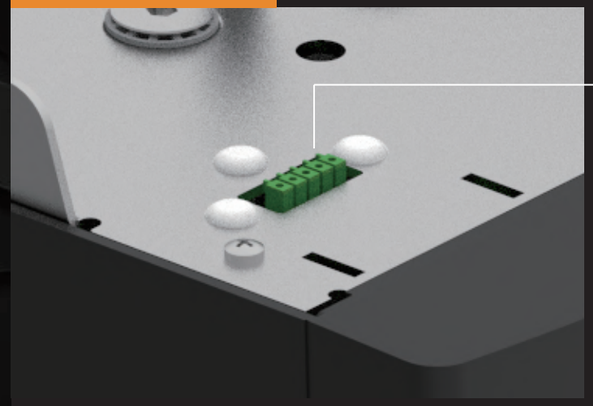
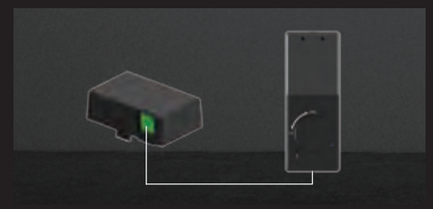
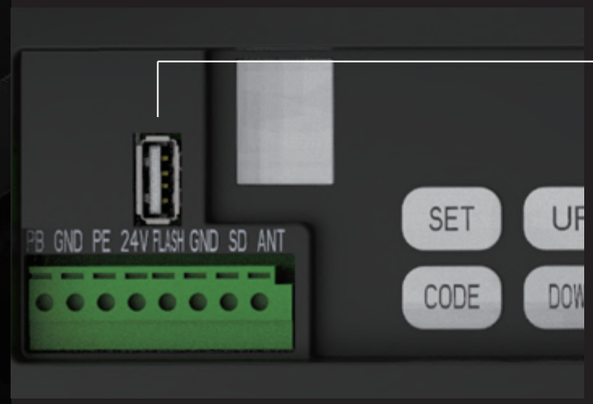


External relay module



Optional: Wired E-lock kit



USB WiFi port

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PRO

Wireless wicket door switch
Wireless E-lock
Wireless photo beam

Built-in WiFi

F-LinX

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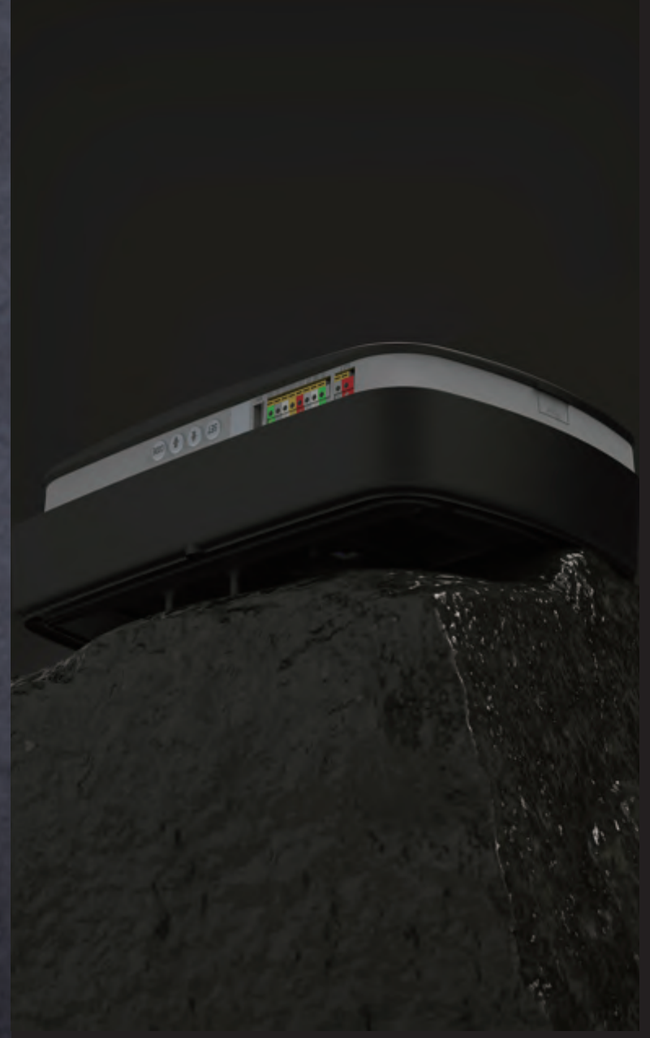
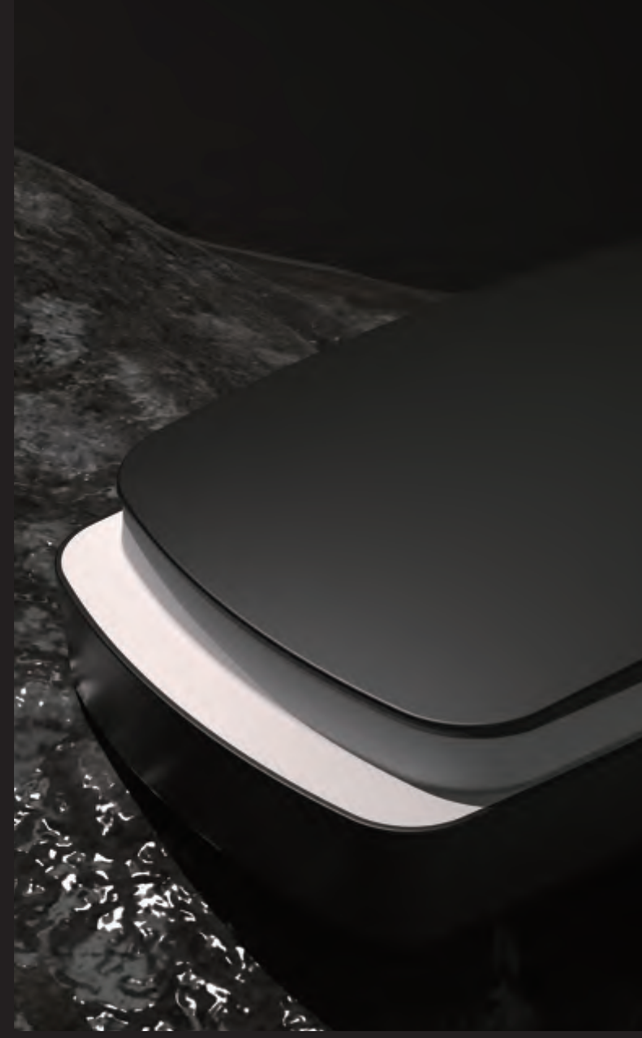
ULTRA

GARAGE DOOR OPENER

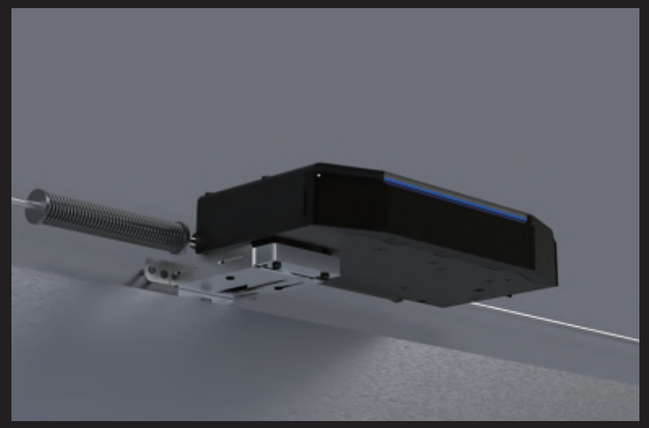


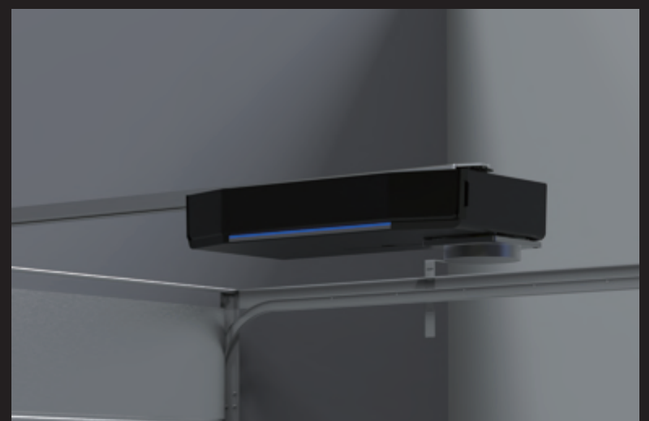


PARAMETERS

Model	600N	1000N	1200N
Input voltage	220-240V / 110-127V, 50-60Hz		
Max. door height	2400-5000mm		
Bottom base material	Metal		
Drive mechanism	Chain / Belt		
Max. opening speed	160mm/s		
Frequency	433.92MHz / 868.35MHz		
Max. door area	8m²	12m²	15m²
Max. door weight	96kg	144kg	180kg

MULTI-DRIVE





RECOMMENDATION: MAX. DOOR SIZE

- The above door area recommendation only based on the insulated door panel with 40mm thickness, and the door weight ≤11KG per sq.m.
- The above door area recommendation only based on a well spring balanced garage / commercial doors.

SIDE INSTALLATION & MID-SHAFT INSTALLATION

	Standard sectional doors with cylindrical cable drum	High lift sectional doors with cylindrical-conical cable drum	Vertical lift sectional doors with conical cable drum
1000N / 18N.m	10m²	10m²	9m²
1500N / 25N.m	13m²	13m²	11m²
1800N / 35N.m	16m²	16m²	14m²

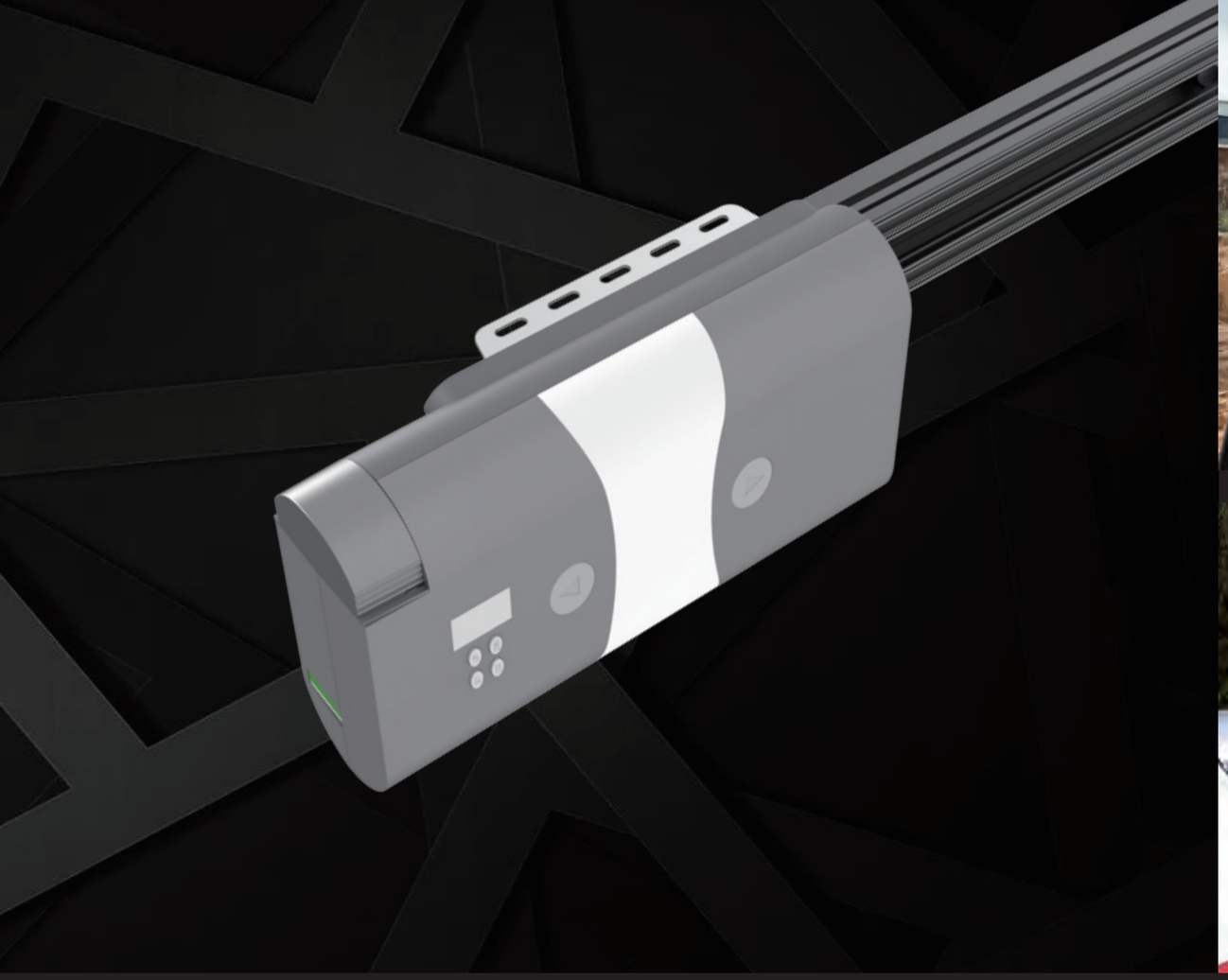
RAIL INSTALLATION

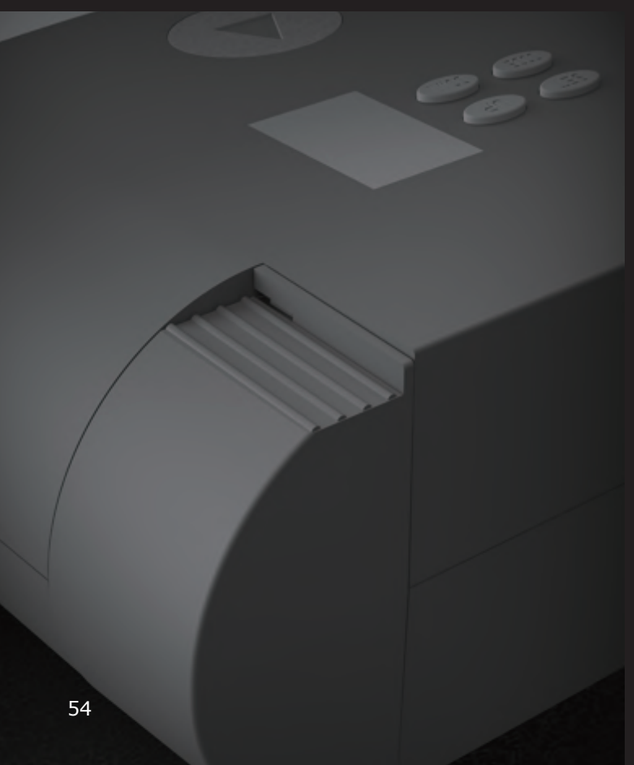
Model	1000N / 18N.m	1500N / 25N.m	1800N / 35N.m
	10m²	13m²	16m²

TECHNICAL INFORMATION

Model	1000N / 18N.m	1500N / 25N.m	1800N / 35N.m
Max. output torque	25Nm	30Nm	35Nm
Rated output torque	21Nm	26Nm	31Nm
Motor power	280W	330W	380W
Input voltage	110-127V or 220-240V		
Output speed	24rpm-40rpm		
Output shaft/hollow shaft	φ25.4 mm		
Duty rating	Door area≤10m² 60 cycles/H (Max) Door area＞10m² 20 cycles/H		
Static holding torque	200Nm		
Control system	30V DC		
Limit switch range	15 turns		
Temperature range	-20℃-60℃		
Installation	Side installation, Mid-shaft installation, Rail installation		

COMMERCIAL DOOR OPENER





PARAMETERS

Max. peak pulling force	1500N
Input voltage	220-240V/ 110-127V, 50-60Hz
Max. opening speed	160mm/second
Max. door height	2100-4200mm
Bottom base material	Steel
Track material	Aluminum alloy
Drive mechanism	Chain
Max. door area	25m²
Max. door weight	200kg
Max lift under spring balanced	50kg
Memory code capacity	50pcs

ROLLER DOOR OPENER

C-LINE

ROLLER DOOR OPENER

PARAMETERS

Power	600N	1000N
Input voltage	230V / 110V, 50-60Hz	
Standby power	2.2W	
Motor type	24V d.c. permanent magnet	
Opening speed	160mm/second	
Max. door area	10m²	15m²
Opening / Closing limits travel	7 turns	
Max. door height	5000mm	
Side room requirement	85mm	
Receiver / Transmitter frequency	433.92MHz / 868.35MHz	
Transmitter capacity (x 4-button registers)	50	

S-LINE

ROLLER DOOR OPENER

PARAMETERS

Power	600N	1000N
Input voltage	230V / 110V, 50-60Hz	
Standby power	2.2W	
Motor type	24V d.c. permanent magnet	
Opening speed	160mm/second	
Max. door area	10m²	15m²
Opening / Closing limits travel	7 turns	
Max. door height	5000mm	
Side room requirement	85mm	
Receiver / Transmitter frequency	433.92MHz / 868.35MHz	
Transmitter capacity (x 4-button registers)	50	

ACCESSORIES

ACCESSORIES FOR RESIDENTIAL

RC01
Remote control
4 channels
433.92MHz/868MHz
Rolling code technology

RC02
Remote control
4 channels
433.92MHz/868MHz
Rolling code technology

RC03
Remote control
4 channels
433.92MHz/868MHz
Rolling code technology

RC04
Remote control
4 channels
433.92MHz/868MHz
Rolling code technology

RC05
Remote control
4 channels
433.92MHz/868MHz
Rolling code technology

RC06
Remote control
3 channels
433.92MHz/868MHz
Rolling code technology

RC07
Remote control
4 channels
433.92MHz/868MHz
Rolling code technology

WIFI MODULE
USB WIFI module for garage door opener and industrial door opener

ACCESSORIES FOR RESIDENTIAL

SVR01

Sun visor remote
3 channels
433.92MHz/868MHz
Rolling code technology

SVR02

Sun visor remote
2 channels
433.92MHz/868MHz
Rolling code technology

UR01

Universal receiver
AC/DC 12-24V, 3 channels
500 codes capacity
433.92MHz/868MHz

UR02

Mini universal receiver
AC/DC 12-24V, single channel
500 codes capacity
433.92MHz/868MHz

WK01

Wireless keypad
2 channels
433.92MHz/868MHz
Rolling code technology

WK02

Wireless keypad
2 channels
433.92MHz/868MHz
Rolling code technology

UR03

Water proof universal receiver
AC/DC 12-24V, 3 channels
500 codes capacity
433.92MHz/868MHz

BB01

Lithium battery
For residential door openers
24V, 2Ah
80 cycles max output

WWS01

Wireless wall switch
3 channels
433.92MHz/868MHz
Rolling code technology

WWS02

Wireless wall switch
Single channel
433.92MHz/868MHz
Rolling code technology

FL01

Flash light
AC/DC 12-240V
Horizontal & Vertical
installation supported

FL02

Flash light
AC/DC 12-240V
Horizontal & Vertical
installation supported

WWS03

Wireless wall switch
2 channels
433.92MHz/868MHz
Rolling code technology

PC02

DC/AC 12-24V
1.92KHz frequency
940nm wave length
Up to 15m working range

SD01

SD protection devices
12-24V AC/DC
Water proof receivers
Wireless connection

SD02

SD protection devices
12-24V AC/DC
Non-water proof receivers
Wireless connection

ACCESSORIES FOR RESIDENTIAL

F-BOX

You can control your garage doors everywhere of the world by "F-LinX" APP.

Wireless communication using multi frequency technology between F-BOX and wireless safety system.

This allow users to linked with "F-LinX" APP for "Safety Center" to track all information about safety and security of the doors and gates.

F-LinX

Download on the App Store

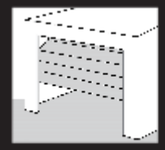
Get it on Google Play

SMART ACCESS

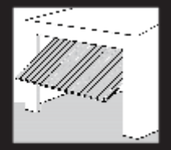
Works with a sensor to control your door in the APP.

F-BOX

WIRELESS TILT SENSOR



SECTIONAL DOOR

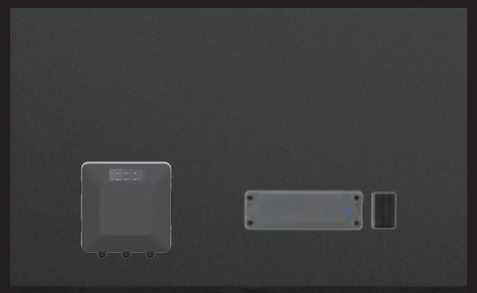


TILT DOOR

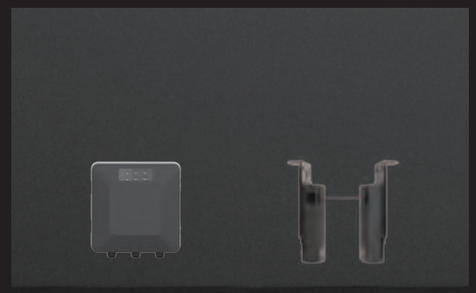
SMART SAFETY SYSTEM

Pairs with safety accessories.

Check the status in the APP security center.



WIRELESS WICKET DOOR SWITCH

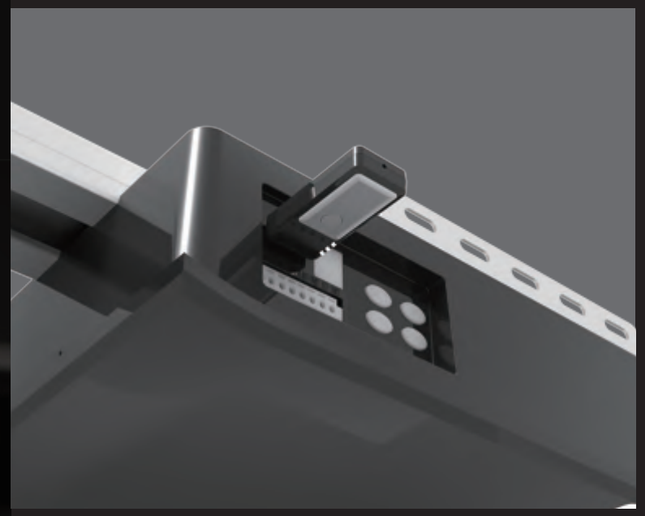


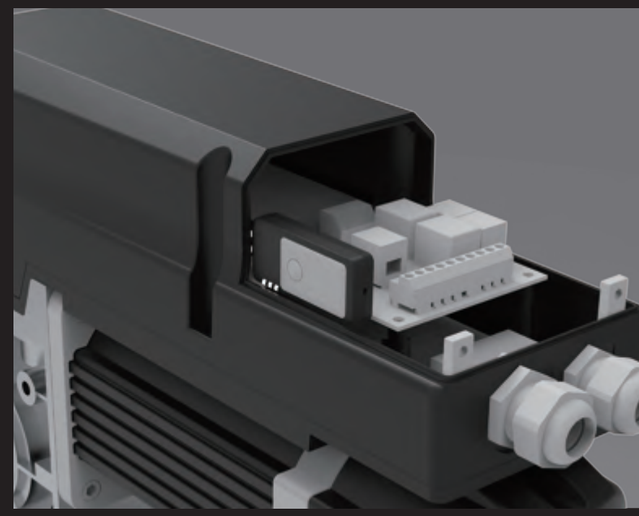
WIRELESS PHOTO BEAM

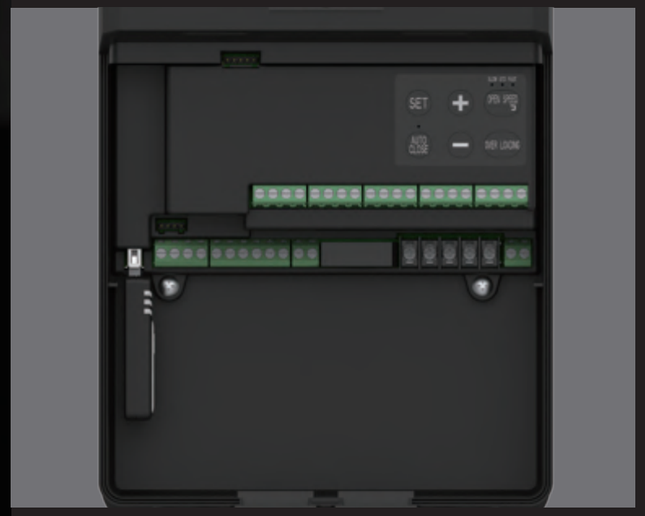
WIRELESS E-LOCK

SMART ACCESS CONTROL
SMART SAFETY SYSTEM

USB WIFI MODULE







F - LINX

New F-LINX APP with nice UI design

Most of the basic function settings included

Powerful security center

Interactive communication platform in the future

SMART CAMERA
F-CAM

3 Million
pixels

6 Fill
lights

0.5 T
computing power

5-24 V
power supply supported

2.4+5 G
dual frequency supported

5-24V Power Supply

IP66 Weatherproof

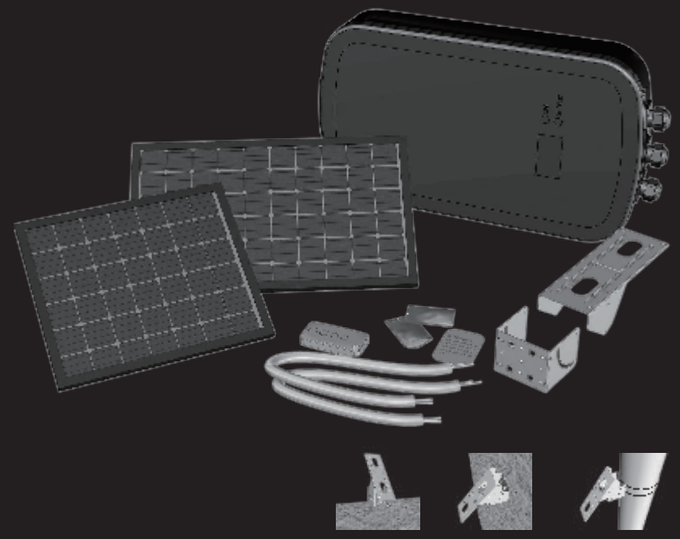
Motion Detection

Night Vision

Two-Way Audio

3.0MP Full HD

SOLAR ENERGY SYSTEM F-SUN



Solar panel: 20W & 40W

Control unit

Bracket

Lithium battery 4.5A & 9A

Solar energy system for door and gate automation

Solar energy system support optical wifi module to Linked with “F-LinX” APP

Low Power Consumption Mode (LPC)

FORCE DOOR

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