





MOTORIZED CURTAIN SOLUTIONS

In 2008 first manual & automated motor all-in-one was born

Technology revolution from the end of 2008, At that time the industry adopt electronic clutch and the external transformer. WISE is develop the mechanical clutch to integrated with the built-in receivers and transformers. Now the industry including import brands also refer to this technology.

from 2009 Technology innovation as hand pull then curtain start to move, automatic memory, comprehensive support for smart home interface, such as 232, 485, 9 kinds of dry touch switch mode.





motor on hidden inhead type mounting design

Motor can Upward installed or downward installed, also can be hidden in the smallpox ceiling based on different requirement

FSK FM technology, top 868MHZ for anti-jamming military

Strong anti-interference ability, high receiver sensitivity, stable center frequency, convenient setting features.

all-metal type shaft

the unique metal shaft design, long time working life, does not slip.







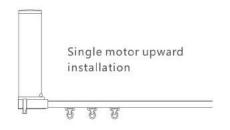


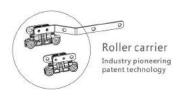
Cable

Radio Center control



Single motor downward installation

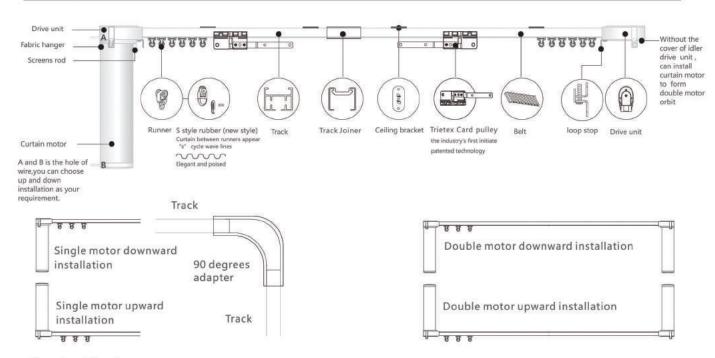






Comfortable with 25DB silent working



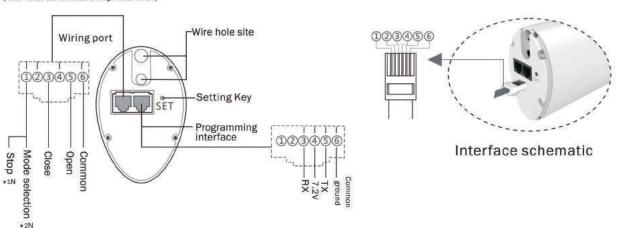


Product Features:

- 1. Motor has specific memory function, automatic stop sensor for the travel (no need to set travel in advance).
- 2. With hand-operated & motor operated mode, both are easy to operate.
- 3. One-stop design, built-in power + receiver, with external interface (2 x RJ11 interface)
- 4. Motor can start by itself by pulling just 15cm of the fabric (no need the transmitter).
- 5. The complete set of system with the best material, with high quality coating inside out of the track, belt with steel wire, and cloth on both side, all the hardware accessories are made of stainless steel.
- 6. Group control, central control.
- 7."S style rope runner combination "patent design, easy to assemble and disassemble, pretty appearance, can be designed to a dynamic "S" style movable curtain.
- 8. Strong power, low noise design, different bending track can be customized.

Wiring method of N09 terminal switch

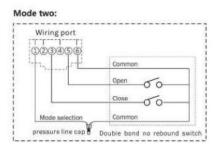
(Note: Please use the rebound or light touch switch)



Low voltage mode selection



Mode one: Wiring port Common Open Open Outline Double bond rebound switch



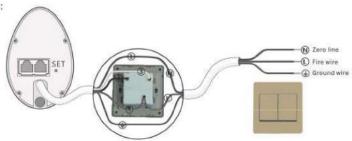
AC power switch installation wiring diagram



- (1) Strong current control distance more than 60m, the need for special custom.
- 2 Zero line and Fire wire can not be reversed. If there is a spare line after wiring, please use pressure line cap to do well insulation.

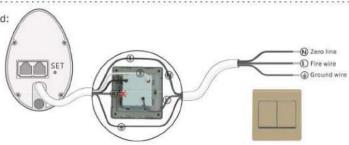
AC power switch double-key mode five-wire connection method:



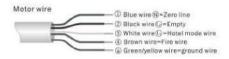


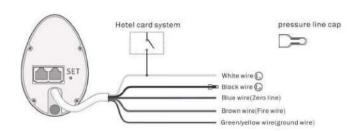
AC power switch double-key mode four-wire connection method:



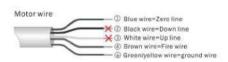


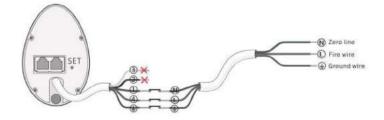
AC power switch hotel mode connection method:

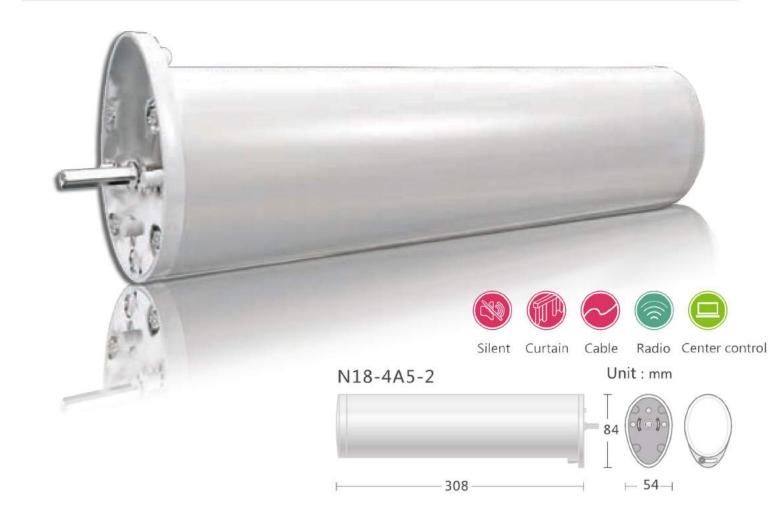




Three-wire conventional wiring method:



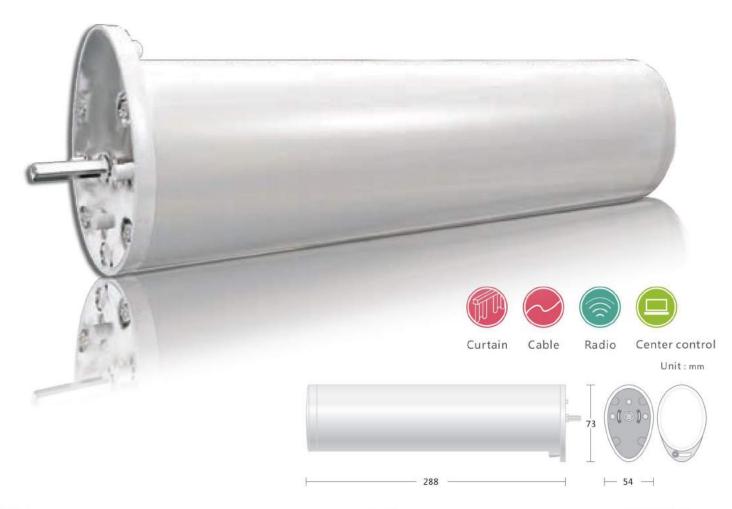




Item NO.	5 wires strong current	Lithium Battery	485/232	WiFi Control	Dry contact	Automatic Limit	Hand pull when power off	Stop by resistance	Soft start and Soft stop	Curtain rebound	Adjustable speed	Hand pull start
N30045	•			•	•	•	•	•	•	•	•	•

Item NO.	Item	Torque (N.m)	Power (w)	Speed (cm/s)	Rated revolution (rpm)	Working voltage (v)	Receiving frequency (MHz)	Motor length (mm)	Motor weight (kg)
N30045	N18-4A5-2 curtain motor	2	48	10-20	80-120	AC100-240	868	308	0.86

N09 Curtain Motor (inbuilt receiver)

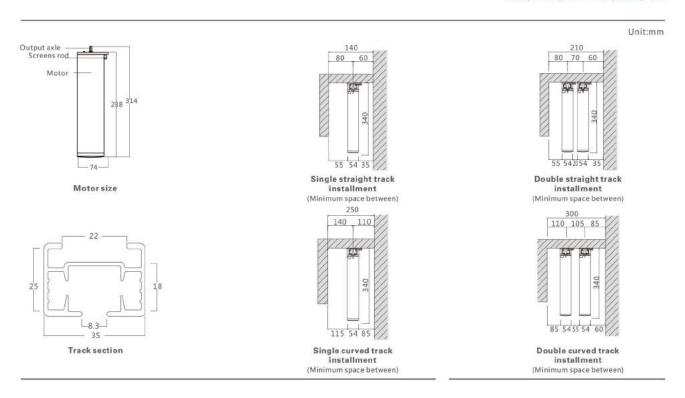


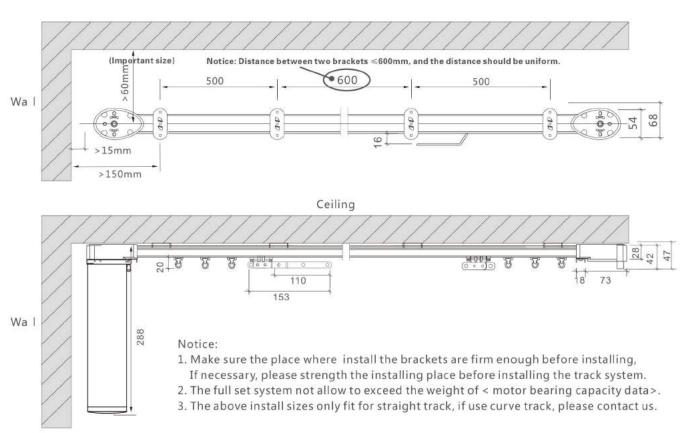
characteristics Soft start and stop Dry contact Stroke memory receiver +transformer Manual mode Motorized mode	orized mode motor function
N30011 • • • • •	•

Item NO	Item	Torque (N.m)	Power (w)	Speed (cm/s)	Working voltage (v)	Frequency (Hz)	evolution (rpm)	maximum length (m)	Motor weight (kg)
N30011	N09-EL-2Curtain Motor	2	80	20	200-230	50/60	110	12	1.4



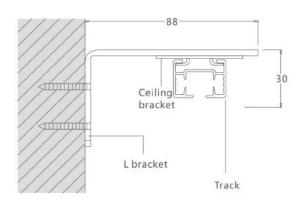
Installation Instruction

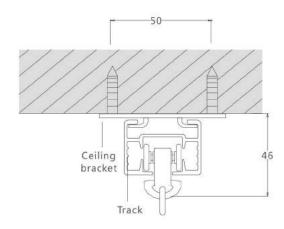




Unit:mm

Installation drawings





Side installment

Top installment

Unit:KG

Single motor

Track style Fabric length	₩ W	NAVA	*	L	₩	₩	* M	MA
			R500	R500	R500	R500	R3000	R3000
4m	60	50	45	40	35	30	31	21
8m	55	45	40	35	30	25	21	16
12m	50	40	35	30	25	20		$\overline{}$

Double motor

Track style	WW	į į	*		₩		*	
Fabric length	**	**	₩ R300	₩ R300	₩ R300	R300	744 R3000	R3000
12m	90	70	60	50	40	30	30	23

Remark: Double open W Single open W

Fabric weight = fabric weight (kg/m²) × fabric area covered (m²) × wrinkles rate

Remark

- 1. Shown in the table above the maximum bearing of the single and double motor to suit the different tracks as we list above.

 when calculate the maximum bearing of the motor, it is should take the fabric wrinkles rate into consideration. So we recommend the following formula to calculate the fabric weight: Fabric weight = fabric weight kg/m² X fabric area covered m² X wrinkles rate
- 2. The list of the motor maximum bearing don't take the extra motivation between fabric, track and curtain box into consideration.





MOTORIZED ROLLER BLIND SOLUTIONS

WISE electric roller blind is a full range of pipe carriers, Italian design, German standards, the representative of China. Hidden antenna, military grade 868 frequency. Low noise double-toothed gearbox on 100% imported materials, the capsule silencing technology.

Motor selection reference formula

Weight capacity(kg)=rated torque(N.m) \div tube radius(m) \div 10 Torque(N.m)= tube radius(mm) \times Weight capacity(kg) \div 100

Weight capacity

Radius





K45 Tubular Motor

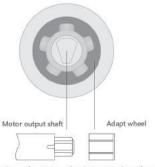
international design , learn from European industry



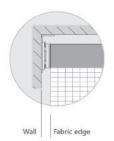




Through the installation snap ring ,can dismantle faster and safer without using the screw.



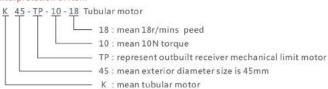
One-button design, make the adapt wheel easy and fast to dismantle and install.



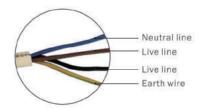
Shortest design the distance between the fabric edge and wall, only 22mm, greatly improve the overall effect of the shade.

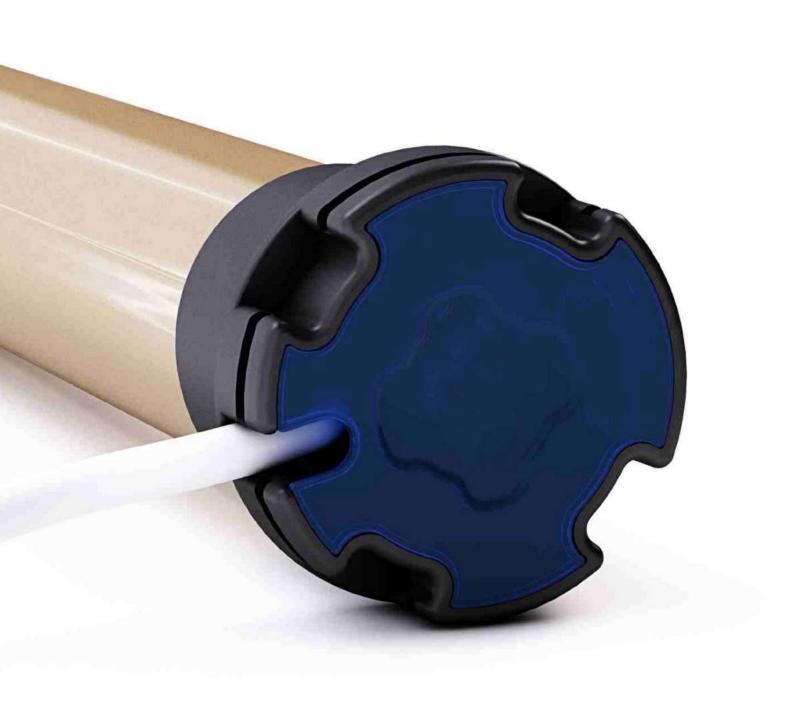
The tubular motor install directly inside the Al alloy tube ,this improve the safety and reliability effectively. Through the use of sound insulation technology , have improved the whole quality of the use of the motor system, can better meet the needs of users. Due to a variety of functions of comprehensiveness and fabric choice of diversification, with the other indoor tracery combination, it is popular with more and more customers nowadays.

Interpretation of item



Item NO	Item	Rated torque (N.m)	Rated speed (rpm)	Power (w)	input voltage (v)	frequency (Hz)		Duration (min)	protection level (IP)	Length (mm)
D10312	K45-TP-10-18 Tubular moto	r 10	18	75	200-230	50/60	≪45	4	IP44	549





K45 Tubular motor

European process manufacturing

ADVANTAGE FUNCTION

use low-noise double-toothed gearbox

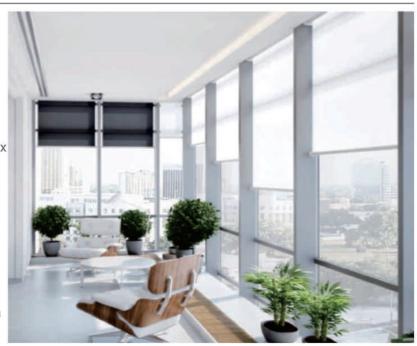
The output shaft and motor head use unique plum-shaped design, DuPont nylon, never slip;

Mute operation, lower 45 decibels

Precise stroke limit system , Precision can reach $\pm 2^{\circ}$

FSK FM technology, top 868MHZ for anti-jamming military, built-in antenna design.

Stable brake system









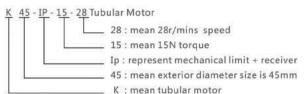


Roller blind Cable

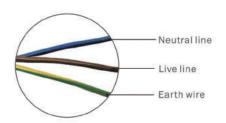
Radio

Center control

Interpretation of item

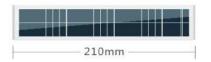


Item NO.	Item Ra	ted torque (N.m)	Rated speed (rpm)	Power (w)	Input voltage (v)	Frequency (Hz)	Noise index (db)	Protection level (IP)	Control method	Length (mm)
D10331	K45-IP-20-18 Tubular Motor	20	18	150	AC220	50	≤45	IP44	RF 868	649



25mm Tubular Motor: Lithium Battery +Radio Control+ Electric Limit

Synchronous control, Third limit



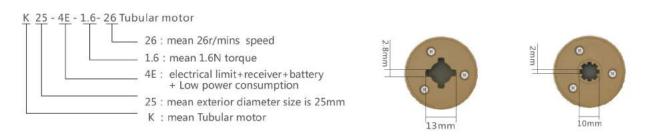




Roller blind

zebra blinds





Item NO.	Item	Rated torque (N.m)	Rated speed (rpm)	Power (w)	Input voltage (v)	Control method	Noise index (db)	Protection level (IP)	Length (mm)
D10369	K25-4E-1.1-26 Tubular motor S (pair with solar panel D22600)	1.1	20/30	13	DC 9	RF868	30-40	IP44	395

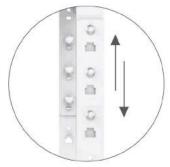
Aluminium pipe: \$\Phi38\$ groove pipe

A20 Solar Panel









Solar panel height can be adjusted freely

Item NO.	Item	Power (w)	input voltage (v)	Length (mm)
D22600	A20-12 solar panel	1.8	12	210×65





Motorized Roller Blind use tubular motor, has the multifunction of UV resistance, environment-friendly and energy-saving, sound-proofing and anti noise, beautifythe environment, ventilate and lighting, saving the space and so on. Operate easily, you just need press the remote control system, the roller blind can work under the quiet and stable condition. Due to the perfect multifunction and the diversity of choice for the fabrics, combine with other indoor window decorations, roller blind is very popular by more and more people, and widely used in star hotel, office building, exhibition center, villa and apartment building and so on.







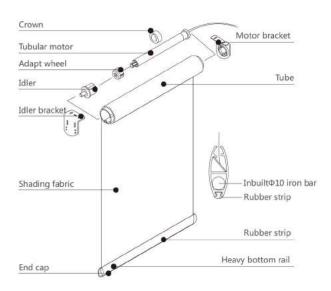


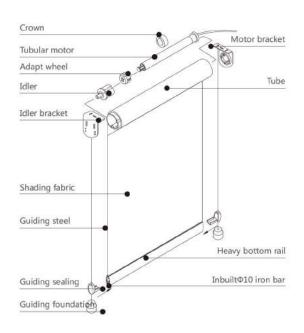
Roller blind

Cable

Radio

Center control





Motorized Roller Blind structural drawing

Motorized Roller Blind (Guiding steel) structural drawing



50mm Wooden Venetian Blind is widely used in offices, hotels, study room,meeting room partition, bathroom or toilet partition and so on. Using 40 Tubular Motor, it has built-in brake and rotatory limit adjustment, make the noise very low and the limit control very precise. The biggest size for single set of blind can be width 4m X height 5.5m. The blade can be turned upside down and retractable freely, and its width is 25mm and 50mm,you can choose different materials according to your request, such as AL blade, bamboo blade, wooden blade and so on.







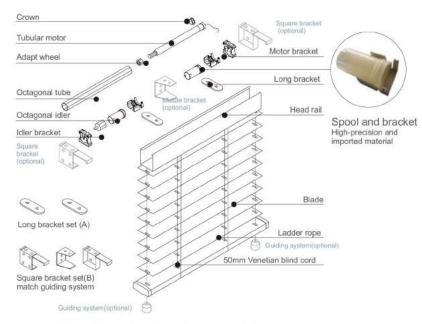


Venetian blind

Cable

Radio

Center







50mm flat roman blind

Fcs Folding Skylight Shade





FCS Folding Skylight Shade system use the technology of fabric be folded and pulled as a single cycle, it includes drive system, fabric and remote control system. Drive system has one side as dynamic port, using tubular motor drive the tube and spool turning. Then make the steel wire pulling and loosing, the other side is spring system, the steel wire change directions by pulley. Then make the both side of the steel wire fasten on the rope winder and keep it tight state. When the size of the width or length for the FCS shade is too big, there need to add pulling steel wire or the tracks guiding system. FCS system has little tensile force. So therehas no requirements on the fabric, and it's widely used in many places.









FCS folding skylight shade

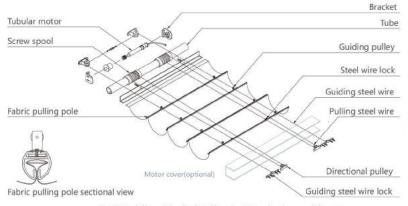
Cable

Radio Ce

Center control

Installation requirement:

it can install at any place in the middle, the width for one blind is 0.7-3.5m, the length is ≤10m, the single area is ≤35m². There must add a intermediate bracket when drive two or three blinds with one motor, and there must add a universal joint when the axes for the driving is not in a line, and the maximum line angle is 130°. You can choose the different tubular motor according to the width and the length of the FCS blind.







FCS Folding Skylight Shade (Installation method)



FSS Skylight Shade system uses single motor with elastic technology mechanism, which is designed in level and slant or curved glass skylight system. It's mainly make up of tubular motor and elastic tensile force system, one side use tubular motor and the other side use strong spring, make the fabric keep flat and stretching. The power produced by the tubular motor, through the tensile force produced by the motor rotating with the spring system. Then the steel wire pull the fabric open and close. When positive direction rotating, the motor overcome the resistance of the spring system and pull back the fabric. When opposite rotating, the spring system pull back the fabric.





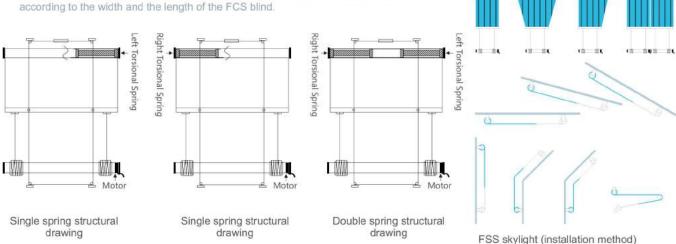


FSS skylight shade

Cable Radio

Installation requirement:

it can install at any place in the middle, the width for one blind is 0.7-3.0m, the length is \$9m, the single area is \$27m². There must add a intermediate bracket when drive two or three blinds with one motor, and there must add a fabric pulling pole when the axes for the driving is not in a line, you can choose the different tubular motor



Torsional Spring can transport the power by the friction which is produced by its torsion. It's the most important part in FSS skylight system. It's performance and stability are very pivotal for the whole system. The import torsional spring has so excellent comprehensive performance to become the preferred products in FSS skylight system. It has good elasticity with high purity and very uniform texture, make itself has high yield strength when working. Under the safe range, it will not have permanent deformation after the load is taken off. The import spring has the features of heatproof, low temperature resistance, oxidation resisting, and corrosion resisting .It's high fatigue strength with enough tenacity and plasticity make the spring have long service life, will not be easily broken during it's working.

FSS torsional spring reference

FSS Φ65x600 torsional spring

Length:

effective movement region \$17 rounds Width:

the minimum installment size ≥ 0.7m Preroll

Preroll 6 rounds when assembled, make sure the longest stretch≤2.5m

FSS Φ90x600 torsional spring

(single Length:

spring)

effective movement region≤17 rounds Width: the minimum installment size ≥ 0.7m

Preroll: Preroll 6 rounds when assembled,

make sure the longest stretch≤3.3m

FSS Φ65x800 torsional spring

Length:

effective movement region ≤22 rounds Width:

the minimum installment size ≥0.9m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤3.5m

FSS Φ90x800 torsional spring Length:

effective movement region≤22 rounds Width:

the minimum installment size ≥0.9m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤4.7m

FSS Φ65x1000 torsional spring

Length:

effective movement region≤26 rounds Width:

the minimum installment size ≥1.1m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤4.5m

FSS Φ90x1000 torsional spring

Length:

effective movement region≤26 rounds Width:

the minimum installment size ≥1.1m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤5.7m

FSS Φ65x1300 torsional spring

Length:

effective movement region≤32 rounds Width:

the minimum installment size ≥ 1.4m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤6m

FSS Φ90x1300 torsional spring

Length:

effective movement region≤32 rounds Width:

the minimum installment size ≥ 1.4m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤8m

FSS Φ65x600 torsional spring

Length:

effective movement region≤17 rounds Width: the minimum installment size≥1.3m

Preroll: Preroll 6 rounds when assembled,

make sure the longest stretch≤3m

FSS Φ90x600 torsional spring

spring

(double

Length: effective movement region≤17 rounds Width:

the minimum installment size≥1.3m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤3.8m

FSS Ф65x800 torsional spring

Length:

effective movement region ≤22 rounds Width:

the minimum installment size≥1.7m

Preroll 6 rounds when assembled, make sure the longest stretch≤4m

FSS Φ90x800 torsional spring

Length:

effective movement region≤22 rounds Width:

the minimum installment size≥1.7m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch≤5.3m

FSS Φ65x1000 torsional spring

Length:

effective movement region≤26 rounds Width:

the minimum installment size≥2.1m

Preroll 6 rounds when assembled, make sure the longest stretch≤5m

FSS Φ90x1000 torsional spring

Length:

effective movement region≤26 rounds Width:

the minimum installment size≥2.1m Preroll:

Preroll 6 rounds when assembled, make sure the longest stretch ≤ 6.3m

FSS Φ65x1300 torsional spring

Length:

effective movement region≤32 rounds Width:

the minimum installment size≥2.7m

Preroll 6 rounds when assembled, make sure the longest stretch≤6.5m

FSS Φ90x1300 torsional spring

Length:

effective movement region≤32 rounds Width:

the minimum installment size≥2.7m Preroll

Preroll 6 rounds when assembled, make sure the longest stretch≤8.7m

Skylight Shade Motor



Skylight Shade system use the technology of fabric be folded and pulled as a single cycle, it includes drive system, fabric and remote control system. Drive system has one side as dynamic port, using tubular motor drive the tube and spool turning. Then make the steel wire pulling and loosing, the other side is spring system, the steel wire change directions by pulley.







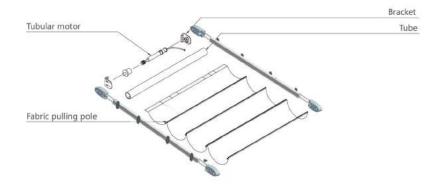
Cable

Radio

Center control

Installation requirement:

it can install at any place in the middle, the width for one blind is 0.7-3.5m, the length is ≤10m, the single area is ≤35m². There must add a intermediate bracket when drive two or three blinds with one motor, and there must add a universal joint when the axes for the driving is not in a line, and the maximum line angle is 130°. You can choose the different tubular motor according to the width and the length of the FCS blind.



Skylight Shade Motor



Skylight Shade system use the technology of fabric be folded and pulled as a single cycle, it includes drive system, fabric and remote control system. Drive system has one side as dynamic port, using tubular motor drive the tube and spool turning. Then make the steel wire pulling and loosing, the other side is spring system, the steel wire change directions by pulley.







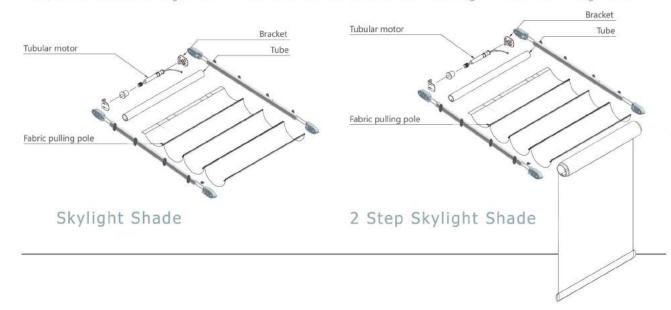
Cable

le Radio

Center

Installation requirement:

it can install at any place in the middle, the width for one blind is 0.7-3.5m, the length is ≤ 10m, the single area is ≤ 35m². There must add a intermediate bracket when drive two or three blinds with one motor, and there must add a universal joint when the axes for the driving is not in a line, and the maximum line angle is 130°. You can choose the different tubular motor according to the width and the length of the FCS blind.





Projection Screen is one of the most common equipment among projector's peripheral equipment, a suitable projection screen and a projector can produce excellent projection. Along with more and more people accepting the products, the Projection technology is gradually mature, so the projection system is popular in many fields such as family, education, government and commerce. It has promising future and will bring people more comfortable and convenient in life and working.









Projection Cable screen

le

Radio

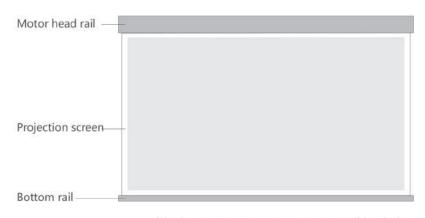
Center control

4:3

16:9

Accurate range limit function Remote control function

Mute design Fit for 16:9 and 4:3 screen



Invisible design: saving space, you can roll back the screen when don't use it.





Before invisibility



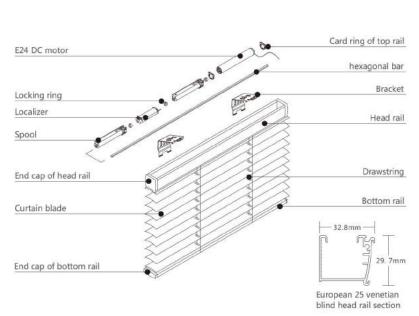
After invisibility



E24Motorized Venetian Blind



- 1.Adopt series Venetian blind motor, low noise, inbuilt brake, can prevent the problem of sliding because of overweight. One full set of Venetian blind with unique structure of localizer, making different specification products can locate up and down accurately, and position can be adjusted at will, accurate position.
- 2.Leaves specifications: 16mm / 25mm.
- 3, A variety of colors and colored insert blade to choose for the head rail.
- 4. Compatible with all the Venetian blind control system.



E24 Venetian Blind organization chart









Venetian blind

Cable

Radio

Center control





1. Venetian blinds motor with low noise, built-in brake to prevent overweight decline. Venetian blinds suit with a unique structure of Novo blinds localize, also have built-in series louver motor. So that the different specifications of the products can be accurately positioned up and down, and the position freely adjustable, precise positioning.



Venetian

blind





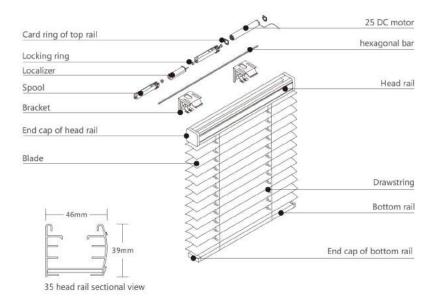


Cable

Radio

Center control

- 2. Slot match color by itself.
- 3. Compatible with all control system.



35mm Venetian Blind structure chart

Motorized Light Roman Blind





- Adopt E24 Venetian blind system, low noise, easy and simple to install, no special requirements for the environment etc.
- 2. The complete set of system run smoothly .
- 3. Especially suitable for all sorts of small window.
- 4. Compatible with all control system.







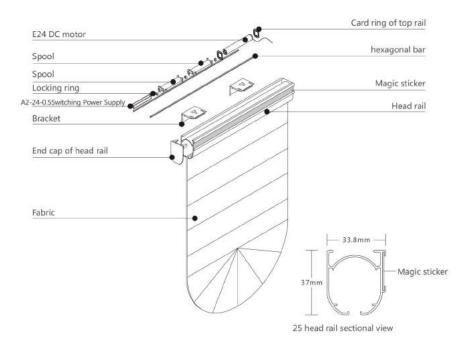


Light roman blind

Cable

Radio

Center control



Light Roman Blind structure chart



REMOTE CONTROL SYSTEM SOLUTION

Remote Control System can perfectly match with all kinds of motors, realize many control method. They can provide open and close function for Curtain Motor, Venetian Blind Motor and Tubular Motor, at the same time they can realize remote monitoring in single control and group control. This remote control system adopt 868MHz as radio frequency (innovate in this industry), it has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging. The professional research and development team can customize the special remote control system according to the clients' different requirements.





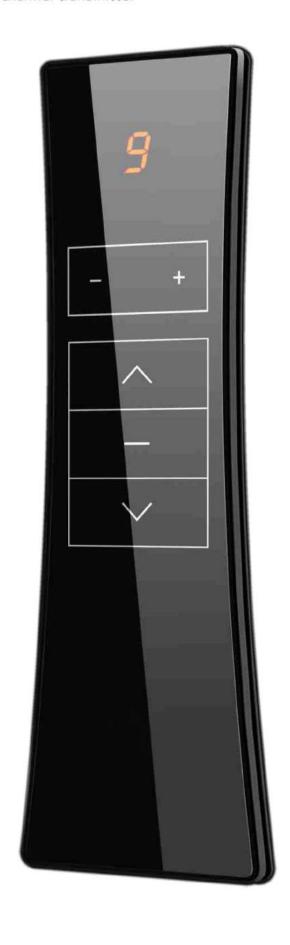




Mhz868 is upgrade products of MHz343



A6 channel transmitter



- individuality Publicity
- Free lock channel
- LED display
- B Maximum 99 channel
- Efficient 868MHZ frequency of high sensitivity
- S close feeling Process

Selective color

Dazzle black

White







D31021
A6-99 channel transmitter (black)



D31022 A6-9 channel transmitter (white)



D31023
A6-99 channel transmitter (white)

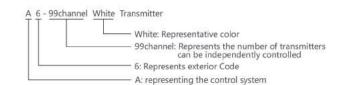
Function Features:

It adopt 868MHz radio frequency(industry innovation) with a strong anti-jamming capability, high transmit sensitivity, and long distance transmit etc function.

Surface imported acrylic panel, smooth operation, intimate feel processes.

Interpretation of item



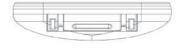


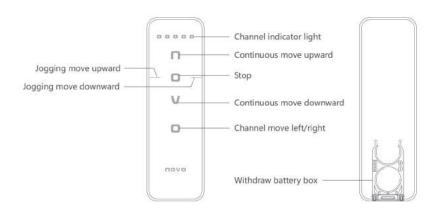
Item NO	Item	Battery Specifications	The frequency (MHz)	Working temperature	working humidity	Protection grade (IP)
D31020	A6-9 channel transmitter (black)	7 [#] ×2	868	-20°C~+65°C	≤90%	IP 40
D31021	A6-99 channel transmitter (black)	7 [#] ×2	868	-20℃~+65℃	≪90%	IP 40
D31022	A6-9 channel transmitter (white)	7 ^{tt} ×2	868	-20℃~+65℃	≪90%	IP 40
D31023	A6-99 channel transmitter (white)	7 [#] ×2	868	-20°C~+65°C	≪90%	IP 40

A3 channel transmitter



channel configuration: single channel two channel five channel













A3-1channel transmitter (black)

D30981 A3-2channel transmitter (black)

A3-5channel transmitter (black)

A3-1channel transmitter (white)

868MHz radio frequency (innovate in this industry),

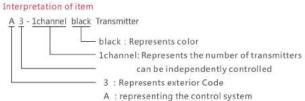
It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

All imported components

Smooth surface, high hardness, aging resistance, strong adaptability to the natural environment, Safe to use indoor and outdoor

Touch screen button.

It has up, down, stop, continuous move, inching move function







D30982 A3-2channel transmitter (white)

D30913 A3-5channel transmitter (white)

		AND				
Item NO	Item	Battery Specifications	The frequency (MHz)	Working temperature	working humidity	Protection grade (IP)
D30910	A3-1channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D30911	A3-5channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≤90%	IP 40
D30912	A3-1channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D30913	A3-5channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≤90%	IP 40
D30981	A3-2channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D30982	A3-2channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40







D32005 A3-2channel transmitter (black)



A3-5channel transmitter (black)



D32009
A3-1channel transmitter (white)

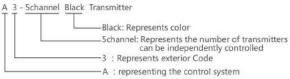
868MHz radio frequency (innovate in this industry),

It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

All imported components

Smooth surface, high hardness, aging resistance, strong adaptability to the natural environment, Safe to use indoor and outdoor

It has up,down,stop,continuous move,inching move function





D32008 A3-2channel transmitter (white)



D32007 A3-5channel transmitter (white)

Item NO	ltem .	Battery Specifications	The frequency (MHz)	Working temperature	working humidity	Protection grad (IP)
D32004	A3-5 channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D32005	A3-2 channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D32006	A3-1 channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D32007	A3-5 channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≤90%	IP 40
D32008	A3-2 channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D32009	A3-1 channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≤90%	IP 40

A10 Button Transmitter

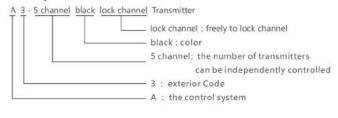
New design with comfortable cambered bottom

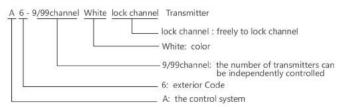




A10 button transmitter

A10 button transmitter use 868MHz radio frequency(industry innovation)with a strong anti-jamming capability, high transmit sensitivity, and long distance transmit etc function. Surface imported acrylic panel, smooth operation, intimate feel processes.





Item NO.	Item	Battery Specifications	The frequency (MHz)	Working temperature	Protection grade (IP)
D32042	A10-5 channel white locking transmitter	7 [#] ×2	868	-20°C~+60°C	IP 40



D30902 A2-12 channel transmitter

Display screen: LCD screen

Function Features: Single control, group control

(12 channels)

Display the signal strength Power Supply: 3V (AAA battery 1.5Vx2)

Transmitting frequency: 868MHz
Transmitting power: 10mW
Protection class: IP 40

Effective range: Outdoor view distance is 200

meters, indoor concrete wall is

30 meters

Working temperature: -20°C ~ +60°C











Remarks: Only the channel which is programmed successfully can be controlled

Single control



Single channel is selected (channel select)

Group control



12 Channels are selected (channel select)

Function Features:

868MHz radio frequency (innovate in this industry),

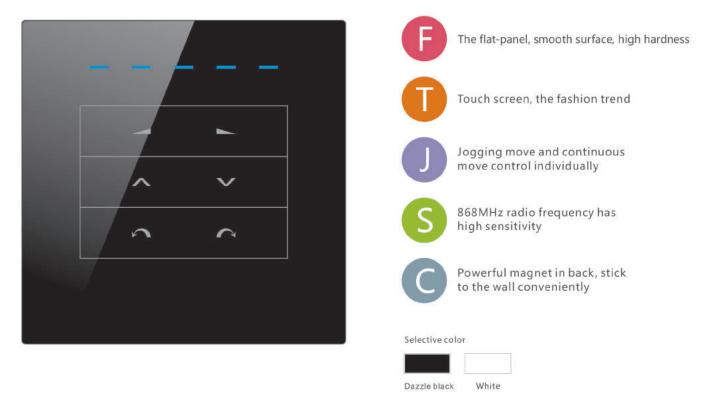
It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

Long service life.

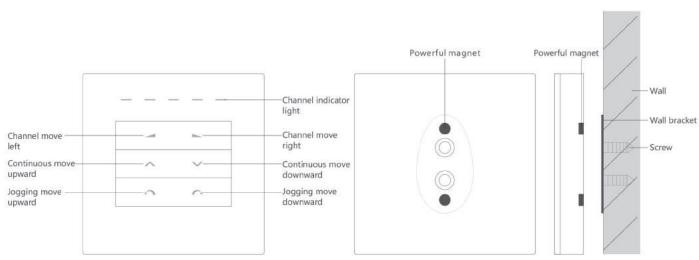
All imported components

Upward, downward, stop, jogging move function.

A3 channel free stick-on transmitter



channel configuration: single channel two channel five channel



Remarks: 1.press any key to stop 2.press any key the channel indicator light turned on.



SD30928
A3-1 channel free stick-on transmitter



SD30929
A3-2channel free stick-on transmitter



D30930 A3-5channel free stick-on transmitter



A3-1 channel free stick-on transmitter (white)



SD30932
A3-2 channel free stick-on transmitter (white)



A3-5 channel free stick-on transmitter (white)

868MHz ra

Function Features:

868MHz radio frequency (innovate in this industry),

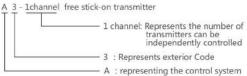
It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

All imported components

Smooth surface, high hardness, aging resistance, strong adaptability to the natural environment, Safe to use indoor and outdoor Touch screen button.

It has up,down,stop,continuous move,inching move function

Inte	erpre	tatio	on of	item



Item NO	Item	Battery Specifications	The frequency (MHz)	Working temperature	working humidity	Protection grade (IP)
SD30928	A3-1 channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≤90%	IP 40
SD30929	A3-2 channel transmitter (black)	button batteries×2	868	-20°C~+60°C	≤90%	IP 40
D30930	A3-5 channel transmitter (black)	button batteries×2	868	-20°C-+60°C	≪90%	IP 40
SD30931	A3-1 channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≤90%	IP 40
SD30932	A3-2 channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D30933	A3-5 channel transmitter (white)	button batteries×2	868	-20°C~+60°C	≪90%	IP 40



D30948 A4-1Stick-on Transmitter



D30947 A4-5Stick-on Transmitter



D30949 A4-2Stick-on Transmitter

868MHz radio frequency (innovate in this industry),

It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

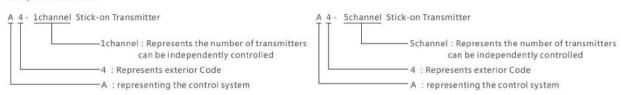
All imported components

The smooth surface, high hardness, excellent resistance to aging, the natural environment adaptability, indoor and outdoor can be safe to use.

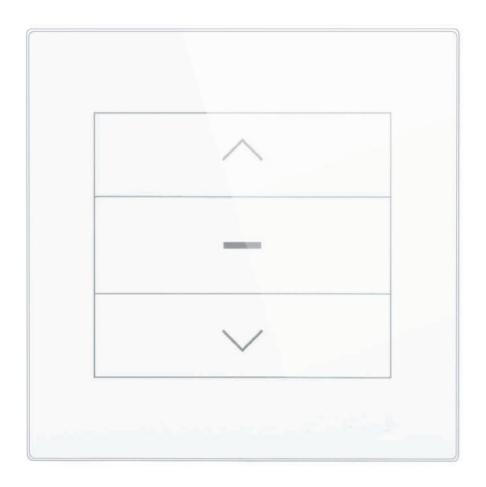
push-button switch

Up button/ down button/ stop button.

Continue and stap moving function.



Item NO	Item	Battery Specifications	The frequency (MHz)	Working temperature	working humidity	Protection grade (IP)
D30947	A4-1Stick-on Transmitter	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D30948	A4-2Stick-on Transmitter	button batteries×2	868	-20°C~+60°C	≪90%	IP 40
D30949	A4-5Stick-on Transmitter	button batteries×2	868	-20°C~+60°C	≪90%	IP 40





White

211



Input voltage: 100V-240V Output voltage: 100V-240V Bottom case: standard wall

European standard bottom case

Size: 80x80mm Working temperature: $-20^{\circ}C \sim +60^{\circ}C$

D33011 A 7 single channel 110-240 Receiver (white)

Function Features:

868MHz radio frequency (innovate in this industry),

It has the features of good antijamming capability, high receiving sensitivity, good frequency, stabilization and easy debugging. All imported components

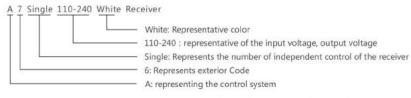
Smooth surface, high hardness, aging resistance, strong adaptability to the natural environment, Safe to use indoor and outdoor Touch screen button.

It has up,down,stop,continuous move,inching move function

It has wirelesss receive and wire control function

Can match with any styles of transmitter.

Installation bottom case using European standards bottom case



Item NO	Item	(V)	(V)	(w)	size	Working temperature
D33011 A7 sir	ngle channel 110-240 Receiver (white)	110V~240V	110V~240V	400W	80x80mm	-20°C~+60°C

A9 AC Button Receiver



A9 single channel receiver



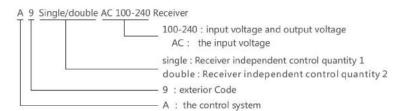
A9 double channel receiver



A9-1 channel receiver back



A9 receiver side



Item NO.	Item	Input voltage (V)	Output voltage (V)	Power (w)	size	Working temperature
D33072	A9 single channel AC100-240 receiver	AC100-240	AC100-240	400	86x86mm	-20°C~+60°C
D33073	A9 double channel AC100-240 receiver	AC100-240	AC100-240	400×2	86x86mm	-20°C~+60°C



D30937 A4 single-channel AC-24 receivers



D30938 A4 double channel AC-24 receivers



D30939 A4 single-channel 220 receivers

A4 double channel 220 receivers



D30940 A4 double channel 220 receivers

Function Features:

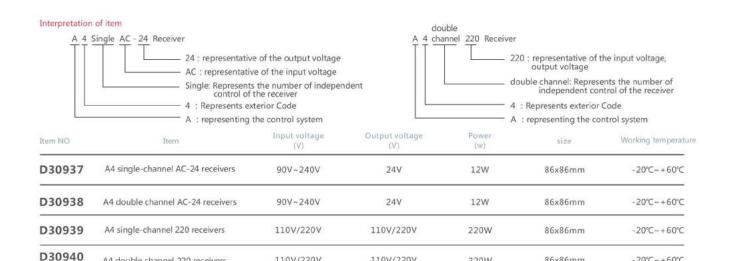
868MHz radio frequency (innovate in this industry),

It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

All imported components

The smooth surface, high hardness, excellent resistance to aging, the natural environment adaptability, indoor and outdoor can be safe to use Wall embedded.

Up button/ down button/ stop button. Continue and stap moving function. Can match with any styles of transmitter.



110V/220V

220W

86x86mm

-20°C~+60°C

110V/220V



SD30920 A3 single-channel 100-240 receivers



SD30922 A3 single-channel 100-240 receivers



SD30921
A3 double channel 100-240 receivers



SD30923 A3 double channel 100-240 receivers

868MHz radio frequency (innovate in this industry),

It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

All imported components

The smooth surface, high hardness, excellent resistance to aging, the natural environment adaptability, indoor and outdoor can be safe to use

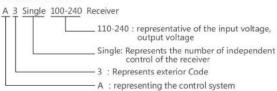
Wall embedded.

Touch screen button.

Upward, downward, stop, continuous move, jogging move function.

Can match with any styles of transmitter.

Interpreta	tion	of item
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Item NO	Item	Input voltage (V)	Output voltage (V)	Power (w)	size	Working temperature
SD30920	A3 single-channel 100-240 receivers	90V~240V	90V~240V	400W	86x86mm	-20°C~+60°C
SD30921	A3 double channel 100-240 receivers	90V~240V	90V~240V	400W×2	86x86mm	-20°C~+60°C
SD30922	A3 single-channel 100-240 receivers	90V~240V	90V~240V	400W	86x86mm	-20°C~+60°C
SD30923	A3 double channel 100-240 receivers	90V~240V	90V~240V	400W×2	86x86mm	-20°C~+60°C



SD30924 A3 single-channel AC-24 receivers



SD30925 A3double channel AC-24receivers



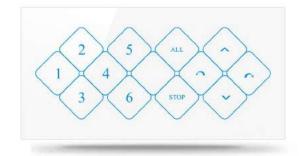
D33042 A3six channel AC-24 receivers (black)



SD30926 A3 single-channel AC-24 receivers

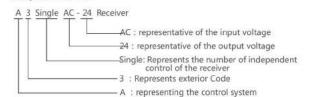


SD30927 A3 double channel AC-24receivers



D33043 A3 six channel AC-24 receivers (white)

Interpretation of item



Function Features:

868MHz radio frequency (innovate in this industry),

It has the features of good antijamming capability, high receiving sensitivity, good frequency stabilization and easy debugging.

All imported components

The smooth surface, high hardness, excellent resistance to aging, the natural environment adaptability, indoor and outdoor can be safe to use

Touch screen button.

Wall embedded.

Upward, downward, stop, continuous move, jogging move function.

Can match with any styles of transmitter.

Item NO	Item	Input voltage (V)	Output voltage (V)	Power (w)	size	Working temperature
SD30924	A3 single-channel AC-24 receivers	90V~240V	12V/24V	12	86x86mm	-20℃~+60℃
SD30925	A3double channel AC-24receivers	90V~240V	12V/24V	12	86x86mm	-20°C~+60°C
SD30926	A3 single-channel AC-24 receivers	90V~240V	12V/24V	12	86x86mm	-20°C~+60°C
SD30927	A3 double channel AC-24receivers	90V~240V	12V/24V	12	86x86mm	-20℃~+60℃
D33042	A3 six channel AC-24 receivers (black)	90V~240V	12V/24V	12	172x86mm	-20°C~+60°C
D33043	A3 six channel AC-24 receivers (white)	90V~240V	12V/24V	12	172x86mm	-20°C~+60°C

ACCESSORIES SYSTEM

accessories are the assistant components which can be perfectly matched with all kinds of motors, all of them using high quality materials can meet different kinds of clients' requirements.



Dozens of automatic processing equipment with high efficiency, high precision, high reliability, can customize all kinds of products according to clients' requirements.



N10321 N09 drive unit 1N with fabric hanger



N10322 N09 drive unit 2N with fabric hanger



N10323 N09 drive unit with fabric hanger



N10331 N09 loop stop stainless steel



N10211 N09 track joiner



N10311
carrier -without arm (steel)



N10312 carrier -with arm (steel)



N30165 N09 track 90 degree bend



N10405 N09 curtian track lacquer inside-out DS-1 micky white



N10306 belt -imported



N10307 belt - jointed venture



D21604 drapery bracket



D21601 L bracket (single track)



D21603 L bracket (double track)



N10305 N08 Runner stainless steel ring

Roller Blind Accessories (1)



D26110 Φ50 Idler(round) injection molding



D26111 Φ65 round idle injection molding



D26115 Φ50 Idler(round) with spring



D26116 Φ65 round idle with spring





D26117 Φ50 Idler(square) with spring



D26118 Φ65 Idle(square) with spring



D20401 Φ40 Idler (square axle) Nylon + bearing



D20402 Φ50 Idler (square axle) Nylon + bearing



D20403 Φ65 Idler (square axle) Nylon + bearing



D20404 Φ90 Idler (square axle) Nylon + bearing



D20201 Φ40 middle bracket square Axle + Nylon



D26060 Φ50 middle bracket cinquefoil axle+ nylon



D26061 Φ50 middle bracket(adjustable) cinquefoil axle+ nylon



D26070 Φ 65 middle bracket cinquefoil axle+ nylon



D26071 Φ65 middle bracket (adjustable) cinquefoil axle+ nylon



D26080 Φ50 intermediate bracket(lengthen) cinquefoil axle+ nylon



D26090 Φ65 intermediate bracket(lengthen) cinquefoil axle+ nylon



D26096 Φ90 intermediate bracket(lengthen) square axle+ nylon



D26121 Ф50-90 axle square axle + nylon



D26122 Ф50-135 axle square axle + nylon



D26123 Ф65-90 axle square axle + nylon



D26124 Ф65-135 axle square axle + nylon



D26125 Φ50-90 axle (lengthen) square axle + nylon



D26126 Φ50-135 axle (lengthen) square axle + nylon





D26127



Φ65-90 axle (lengthen) square axle +nylon



D26128



Φ65-135 axle (lengthen) square axle +nylon



square axle +nylon





D26130



Φ90-135 axle (lengthen) square axle +nylon



D26310

Φ50 middle bracket square axle +nylon



D26320

Φ50 middle bracket (lengthen) square axle +nylon



D26330

Φ65 middle bracke square axle +nylon



D26340



Φ65 middle bracket (lengthen) square axle +nylon



D26010

Motor bracket Include cinquefoil head



D26011

Idler bracket(square hole) match square shaft



D26020

Idler bracket(square axle) Not include idler



D26021

Idler bracket(square axle strengthen) Not include idler



D26030

Idler bracket(round axle) Not include idler



D26040

Motor bracket(lengthen) Include cinquefoil head



D26041

Motor bracket(square hole lengthen) match square shaft



D26050

Idler bracket(square axle lengthen) Not include idler



D26051

Idler bracket(square axle lengthen and strengthen) Not include idler



D26210

Somfy motor bracket Include cinquefoil head



D26211

Somfy motor bracket (lengthen) Include cinquefoil head



D20502

Φ40 adapt wheel(cinquefoil) Injection mould with imported nylon



D20504

Φ50 adapt wheel(cinquefoil) match 50mm tubular motor



D20506

Φ65adapt wheel(cinquefoil) Injection mould with imported nylon



D20509

Φ90 adapt wheel(cinquefoil) imported nylon



D20603

Φ40 crown Injection mould with imported nylon



Roller Blind Accessories (3)



D20606

Φ65 crown Injection mould with imported nylon



D20607

Φ90-50 crown Machinofacture with imported nylon



D20608

Φ90-60 crown Machinofacture with imported nylon



D60102

Φ40tube Frosted surface



D60103

Ф50tube Frosted surface



D60104

Φ65tube Frosted surface



D60105

Ф90tube Frosted surface



D60308

roller blind cover(top cover) for roller blind



D60309

roller blind cover(bottom cover) for roller blind



D24640

roller blind cover bracket(left and right) include cinquefoil and hitching leg



D24644

roller blind cover bracket(left and right) include 2 idler hitching leg



D21613

Motorized roller blind cover bracket (left and right) Include NOVO cinquefoil and idle hitching leg



D21612

roller blind cover bracket Aluminum



D60201

Heavy bottom rail



D21309

Rubber strip for bottom rail



D21307

end cap for heavy bottom rail



D21308 end cap for light bottom rail



D60202

light bottom rail



D21310

guiding sealing stainless steel 304



D21311

guiding foundation stainless steel 304



D20610

38adapt wheel



D20611

38crown



D20612

38 idler bracket



D20613

38 motor bracket



D22220

Joiner for pull bar 100*Φ9 (M4.0)



D2221
Drawstring locking bar for pull bar 40*07 (M4.0)



D20614

K25-38 idler

Venetian Blind Accessories (1)



D21103 Φ35mm honeycomb blind bracket



D21121The European style 25mm Venetian blind bracket



D21205 Φ50mm Venetian blind bracket(square)



D21207 Φ50mm Venetian blind middle bracket



D21206Φ50mm Venetian blind bracket(length)



D21298/D21299 European Style 35mm honeycomb blind head rail cap left /right (white)



D21312/D21313
European Style 25mm Venetian

blind head rail cap

left /right (white)





D21314/D21315
European Style 25mm Venetian
blind head rail cap
left /right (white)



D60302 Φ50mm Venetian blind head rail



D60303 European style 35mm honeycomb blind head rail insert slat to match color (white)



D60531 European style 25mm Venetian blind head rail insert slat to match color (white)



D60532 European style 25mm honey comb head rail insert slat to match color (white)



D21201 Φ50mm Venetian blind spool



D21202 Φ50mm venetian blind spool bracket



D21203 Φ50mm Venetian blind spool bracket



D21204 Φ50mm Venetian blind motor bracket



D21809 2.5mm Venetian blind ladder lock for 25mm Venetian blind motor



D21810 5.0mm Venetian blind ladder rope lock



D21907

Ф1.4mm cord (multicolor can be chose)
for motorized Venetian blind



D21908 Φ2.0mm tape for roman blind



D60301 Φ40 octangle tube



D60405 hexagon stick (6.0mm) 3.4M/pc



D20406 Φ40 octangle Idler Nylon + stainless steel axle



Φ40 octangle adapt wheel (cinquefoil) Injection mould with imported nylon





D20601Φ40 octangle crown
Injection mould with imported nylon



D21101 Φ25mm Venetian blind spool



D22101 Φ25mm Venetian blind head rail punch



D22102
Φ50mm Venetian blind head rail punch



D21104 Roman blind head rail bracket



D21105 Roman blind spool



D21106 Roman blind head rail cap white



D60601 Roman blind head rail (light-duty) white

A20–4 Channel Group Controller Operating Manual

Company reserves the right to change product design and specifications without prior notice then, photos are for reference only.

Product parameters

Item NO.	Item	Input voltage (V)	Output voltage (V)	Power (w)	Size	Working temperature
D30703	A20-4 Channel Group Controller	AC110	AC110	300x4	94x61mm	-20°C~+60°C
D30701	A20-4 Channel Group Controller	AC220	AC220	300x4	94x61mm	-20°C~+60°C

Features:

Made by first-line international brands relay (5A)

Each channel has an independent cutout, total 4 pcs cutouts

Each interface uses pop-up terminal interface

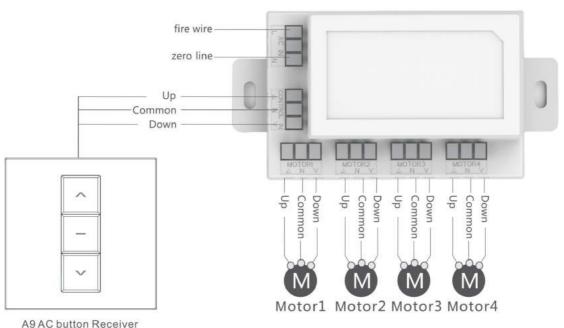
Made with German Bayer PC material, withstand high

temperature, anti-aging size



Size: 94x61x47mm

W Wiring diagram





ELECTRIC DRYING RACK















ELECTRIC DRYING RACK

ราวตากผ้าไฟฟ้าเรียกได้ว่าเป็นหนึ่งในเครื่องใช้ในครัวเรือนอันชาญฉลาด ณ ตอนนี้ซึ่งใช้กลไถขับเคลื่อน พลังงานด้วยมอเตอร์ ตัวของราวตากผ้าไฟฟ้านี้ ประกอบด้วยตัวราวหลัก ระบบควบคุมพลังงาน ระบบยก และ ระบบทำแห่ง

หน้าที่พื้นฐานหลักของตัวชุดอุปกรณ์นี้คือ การทำให้เสื้อผ้าแห่ง ค้วยวิธีที่เหนือกว่า ฉลาดกว่า ราวตากผ้า ทั่วไป ซึ่งสามารถติดตั้งง่ายๆ ในคอนโด หมู่บ้าน อพาร์ทเมนท์ ชุดอาคารอิสระ หรือในตึกทั่วๆ ไปตามที่กล่าวมานี้ ชุดอุปกรณ์ราวตากผ้าไฟฟ้านี้มีข้อได้เปรียบอันหลากหลาย อาทิเช่น มีความแข็งแรงคงทนของตัวโครงสร้างราวสูง

สามารถรับน้ำหนักใด้มาก ระบบการยกขึ้น ลงราบลื่น ไม่สะดุด
ภายในประกอบด้วยระบบป้องการรับน้ำหนักเกิน และระบบป้องกัน
สิ่งกีดขวางซึ่งสามารถป้องกันมอเตอร์ โด้อย่างเต็มที่ อีกทั้งยังยืด
อายุการใช้งานที่ยาวนานกว่าและมีการยกระดับด้านความปลอดภัย
ในการเดินสายไฟให้คียิ่งขึ้น ชุดอุปกรณ์ราวตากผู้ ไฟฟ้านี้
ถือเป็นการปฏิวัติเทคโนโลยีใหม่ถ่าสุด เพื่อให่ตอบสนองความต้องการ
ของลูกค้าขั้นสูง ได้อย่างสมบูรณ์แบบ ชุดอุปกรณ์อันทันสมัย
จะเป็นผู้ช่วยที่ดีให้กับทุกครัวเรือนได้อย่างแน่นอน



High quality PCB

ผลิตภัณฑ์ที่มีคุณภาพและความทนทาน

Remote Control

ผ่านการทดสอบการใช้งานมาแล้วมากกว่า 1 ล้านครั้ง ในระยะ 30 เมตร





ระบบการทำผ้าแห้ง Fan dry Function



ในสภาพอากาศฟ้าครีมฝนตก อาจเป็นสาเหตุทำให้ผ้าที่ตากไว้มีความขึ้น เป็นเรื่องที่ค่อนข้างสร้างความลำบากมากเลยที่เดียว แต่ด้วยระบบการทำแห้งอันชาญฉลาดของชุดอุปกรณ์ราวดากผ้าไฟฟ้า ที่ดิดดั้งพัดลมไว้ถึง2ตัว จะช่วยเป่าให้ผ้าที่ดากไว้แห้งอย่างง่ายดาย สามารถช่วยให้ผู้ใช้งานแก้ปัญหาผ้าแห้งไม่ทันได้อย่างง่ายดาย

ข่าเชื้อแบคทีเรีย UV disinfection



การดากผ้าในสภาพที่มีความขึ้นบ่อยครั้ง หรือการฝึ่งผ้าไม่แห้งพอ อาจเป็นสาเหตุการของการสะสมเชื้อแบคทีเรีย ราวตากผ้าอัจฉริยะนี้ สามารถช่วยป้องกันและยับยังการเกิดเชื้อราหรือแบคทีเรียได้ ด้วยความพิเศษของหลอด UV ที่ดิดตั้งเป็นอุปกรณ์มาดรฐานมากับตัวเครื่อง จะช่วยให้ปัญหาดังกล่าวหมดไป

ไฟแสงสว่าง LED Lighting



เพิ่มความสะดวกในการม้องเห็นในดอนกลางคืน หรือช่วงเวลาที่มีแสงน้อย ด้วยการดิดตั้งไฟแอลอีดี เป็นชุดอุปกรณ์มาตรฐาน ให้ความสว่างชัดเจนและประหยัดไฟ เพิ่มความสะดวกสบายและสวยงาม

ดวามคุมด้วยรีโมทไร้สาย



ระบบการยก ขึ้น-ลง ของราวตากผ้าอัตโนมัตินี้ง่ายต่ดการใช้งาน ด้วยรีโมทคอลโทรลไร้สายมีมีฟังชั่นการใช้งานให้เลือกใช้ดามความด้องการหรือความเหมาะ ต่อการใช้งาน และด้วยรีโมทคอนโทรล ยังสามารถสั่งการ ไฟแสงว่าง ไฟUV รวมถึงพัดลมเป้าแห้ง หลากหลายพึงชั่น รวมถึงการตั้งเวลาการทำงานอัตโนมัติได้อีกด้วย

หรูหราและใช้งานได้เยี่ยม ด้วยการควบคุมผ้าม่านแบไร้สาย

สะดอกสบายแค่ปลายนื้อสัมพัส

WSE

ระบบคอบคุมพ้าม่านใหญ้า ราคาไม่แพงที่นี้ที่เดียอ จะรอชาอยู่ทำไม รีบตัดสินใจ



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