

易德莱斯/EDELAIS产品选型手册

EDELAIS PRODUCTS SELECTION MANUAL



企业简介

COMPANY PROFILE



Chengdu Edela Technology Co., Ltd. is located in Longtan Industrial Park, Chenghua District, Chengdu, is a research and development, production and sales of industrial remote control based high-tech enterprises. The company always adhere to the quality of survival, credibility and development; In 2021, the company passed the ISO 9001 quality management system certification (certificate number :2021Q3326ROS); In 2022, it will be recognized as a high-tech enterprise (Certificate:2021Q3326ROS); In 2022, it will be recognized as a high-tech enterprise (Certificate:

number :2021Q3326ROS); In 2022, it will be recognized as a high-tech enterprise (Certificate:2021Q3326ROS); In 2022, it will be recognized number :Gr202251001853); In 2023, it was recognized as a "specialized and special new small and medium-sized enterprise in Sichuan Province"; Also obtained 18 patents and a number of intellectual property rights; Idles Technology is proving its strength with practical actions, creating more value with professional technology, and serving our customers.

The company's products cover industrial



remote control (wired, wireless), industrial wireless wiring harness, fixture, industrial high precision weighing machine and weighing center, etc. Products are widely used in welding and cutting machinery, engineering machinery, mining machinery, wood industry machinery, agricultural machinery, airport equipment, Marine petrochemical engineering, military industry, rail locomotive and other fields. The company's wireless products work in the 433M HZ frequency band and adopt intelligent frequency hopping technology to completely solve the interference problems in welding, cutting, and

various complex working conditions. Our company can provide the most suitable wireless control solutions and production line services according to the different needs of users.

After ten years of development, we have achieved a number of scientific research results and intellectual property rights, especially in the field of industrial wireless communication and automation control unique, we will bring you better quality products and comfortable service in the future, together to create brilliant!



企业文化

CORPORATE CULTURE



Science and technology leader

Focus on cutting-edge technology, open Create intelligent future, lead A new chapter for the industry.

With advanced science and technology Wisdom is stable and safe Industrial remote control.

elaborate

Fine production, strict control We uphold ingenuity for you Create first-class products.

Customer satisfaction

Survive by quality, develop by service, and always take customer satisfaction as our greatest pursuit.

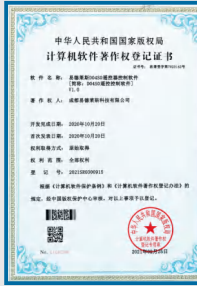
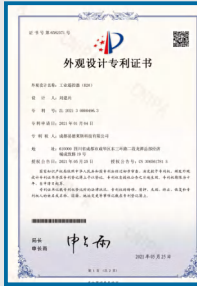
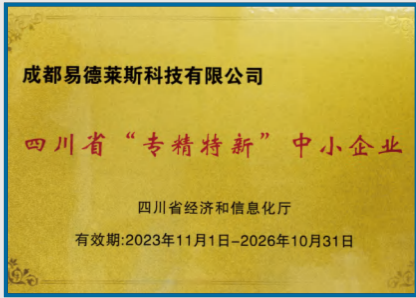
Continuous improvement

Small improvement big results, all staff to improve the implementation of fine production; High standards and strict requirements, build a wall of quality.



企业资质

ENTERPRISE QUALIFICATION



应用领域

APPLICATION FIELD



焊接行业 WELDING INDUSTRY

Roller stand
positioner
Welding center (manipulator, cross arm)
Welding power supply (argon arc welding, submerged arc welding, gas welding)
All kinds of customized special aircraft



工程机械行业 CONSTRUCTION MACHINERY INDUSTRY

All kinds of lifting equipment
Concrete cutting equipment
All kinds of track vehicles
Shield tunneling machine
All kinds of wheeled cars
Shuttle bus AGV car spreader



矿山机械行业 MINING MACHINERY INDUSTRY

Mine cutting equipment
Screening equipment
Washing equipment Crushing plant



农业机械行业 AGRICULTURE MACHINERY INDUSTRY

Crop harvesting machinery
Lawn mower transplanter
Rotary cultivator harvester



轨道交通行业 RAIL TRANSIT INDUSTRY

Railway locomotive
The subway is gated
Bridge erecting machine
Vehicle remote control dispatching



CATALOGUE

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定制说明

CUSTOM SPECIFICATION

Unlimited number of customizations

One set will be decided

Short customization cycle

Delivery in as little as 7 working days

The most cost-effective

Direct source for custom production

Quality assurance

International brands are used for key components

EMITTER

- The appearance of the transmitter can be improved according to the user's preferences and actual functional requirements. Line selection, can also customize the appearance.

RECEIVER

- There are a variety of specifications of the receiver models, according to the actual functional requirements and work Condition environment to select.

OUTPUT MODE

- IO port input/output (relay input/output)
- Pulse output
- Analog output/feedback input: ①0~10V; ②4~20mA; ③0~800mA
- Digital communication interface: ①CAN bus; RS485; ③RS232; ④Profinet(PN) ⑤Profibus(DP) ⑥EC Etc.

发射器选型

TRANSMITTER SELECTION



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
A	L210x W97x H45mm	It weighs about 450g	Open line 150 m	128*32	IP54
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Three number 5 batteries	PA+30GF



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
K	L214x W95x H48mm	It weighs about 550g	Open line 150 m	128*32 128*64 ★	IP65
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Three number 5 batteries	PA+30GF

★Star for special custom accessories



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
F	L175x W73x H46mm	It weighs about 400g	Open line 150 m	128*64	Ip54
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Three number 5 batteries	PA+30GF

发射器选型

TRANSMITTER SELECTION



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
N	L149x W81x H44mm	It weighs about 220g	Open line 150 m	128*32	IP54
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Three number 5 batteries	PA+30GF



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
G	L296x W133x H51mm	It weighs about 1.2kg	Open line 150 m	128*32 128*64 ★	IP65
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Four number 5 batteries	PA+30GF

★Star for special custom accessories



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
M	L170x W107x H45mm	It weighs about 350g	Open line 150 m	128*64	IP54
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Three number 7 batteries	PA+30GF

发射器选型

TRANSMITTER SELECTION



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
D	L270x W150x H132mm	It weighs about 1.5kg	Open line 150 m	128*64 256*128 ★	IP54
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Three number 5 batteries/ Rechargeable	PA+30GF

★Star for special custom accessories



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
L	L267x W160x H136mm	It weighs about 1.4kg	Open line 150 m	128*64 256*128 ★	IP65/IP68
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Four number 5 batteries/ Rechargeable	PA+30GF

★Star for special custom accessories



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
B20	L353x W160x H156mm	It weighs about 2.3kg	Open line 150 m	128*64 256*128 ★	IP65
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0-97%RH	Four number 5 batteries/ Rechargeable	PA+30GF

发射器选型

TRANSMITTER SELECTION



series	Overall dimension	weight	Control distance	Screen size (pixels)	Class of protection
C	L350x W168x H230mm	It weighs about 4.5kg	Open line 150m Image transfer function 100 meters	Dol matrix screen: 128*64/256*128 Color screen: 4.3", 7"★	IP54
	Transmitter failure	Operating temperature	Working humidity	Power supply mode	Shell material
	The LCD displays fault status	-20~+50℃	0~97%RH	Rechargeable	PA+30GF

★Star for special custom accessories

接收器选型

RECEIVER SELECTION

series	legend	Control mode		Overall dimension	weight
60-6010		Switching output	Route 20	L131xW96xH81mm	0.4kg
		Switching quantity (passive)Feedback input	Route 4	Installation mode	Operating frequency band
		Analog output	Route 4	Rail type	420~450MHz
		Analog input	Route 4	Communication delay	Receiving sensitivity
		RS485	Route 2	< 50ms	-126dBm
		CAN	Route 1	Power supply	
		scram	Route 1	Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.	

series	legend	Control mode		Overall dimension	weight
60-6013		Switching output	Route 17	L131xW96xH81mm	0.4kg
		Switching quantity (passive)Feedback input	Route 4	Installation mode	Operating frequency band
		Analog output	Route 4	Rail type	420~450MHz
		Analog input	Route 4	Communication delay	Receiving sensitivity
		RS485	Route 2	< 50ms	-126dBm
		CAN	Route 1	Power supply	
		scram	Route 1	Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.	

RECEIVER SELECTION

series	legend	Control mode		Overall dimension	weight
60-6020	 Secondary end	Switching output	Route 38	L131xW96xH81mm	0.4kg
				Installation mode	Operating frequency band
				Rail type	
				Communication delay	Receiving sensitivity
				< 50ms	
				Power supply	
Use 12-24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.					

series	legend	Control mode		Overall dimension	weight	
60-6031	 Secondary end	Switching quantity (passive)	Route 24	L131xW96xH81mm	0.4kg	
		Feedback input		Installation mode	Operating frequency band	
		Analog input	Route 8	Rail type	Communication delay	Receiving sensitivity
		RS485	Route 1	< 50ms	Power supply	
				Use 12-24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.		

series	legend	Control mode		Overall dimension	weight
60~6049		Switching output	Route3	L131xW47xH84mm	0.2kg
		RS485	Route 2	Installation mode	Operating frequency band
				Rail type	420~450MHz
		CAN	Route 1	Communication delay	Receiving sensitivity
				< 50ms	-126dBm
		scram	Route 1	Power supply	
Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.					

RECEIVER SELECTION

series	legend	Control mode		Overall dimension	weight
60-6049PN		Profinet(PN)	Route1	L131xW47xH84mm	0.2kg
		RS485	Route 1	Installation mode	Operating frequency band
				Rail type	420~450MHz
		CAN	Route 1	Communication delay	Receiving sensitivity
				< 50ms	-126dBm
		scram	Route 1	Power supply	
				Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.	

series	legend	Control mode		Overall dimension	weight
60-6049DP		Profibus(DP)	Route1	L131xW47xH84mm	0.2kg
		RS485	Route 1	Installation mode	Operating frequency band
				Rail type	420~450MHz
		CAN	Route 1	Communication delay	Receiving sensitivity
				< 50ms	-126dBm
		scram	Route 1	Power supply	
				Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.	

series	legend	Control mode		Overall dimension	weight
60-6066		Switching output	Route 30	L131xW96xH81mm	0.4kg
		Switching quantity (passive)	Route 2	Installation mode	Operating frequency band
		Feedback input	Route 4	Rail type	420~450MHz
		Analog output	Route 2	Communication delay	Receiving sensitivity
		Analog input	Route 1	< 50ms	-126dBm
		RS485	Route 1	Power supply	
		scram	Route 1	Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A	

RECEIVER SELECTION

series	legend	Control mode		Overall dimension	weight
60-6066A		Switching output	Route 27	L 131xW96xH81mm	0.4kg
		Switching quantity (passive)	Route 2	Installation mode	Operating frequency band
		Feedback input	Route 4	Rail type	420~450MHz
		Analog output	Route 2	Communication delay	Receiving sensitivity
		Analog input	Route 1	< 50ms	-126dBm
		RS485	Route 1	Power supply	
		scram	Route 1	Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.	

series	legend	Control mode		Overall dimension	weight
60-6066B		Switching output	Route 24	L 131xW96xH81mm	0.4kg
		Switching quantity (passive)	Route 2	Installation mode	Operating frequency band
		Feedback input	Route 4	Rail type	420~450MHz
		Analog output	Route 2	Communication delay	Receiving sensitivity
		Analog input	Route 1	< 50ms	-126dBm
		RS485	Route 1	Power supply	
		scram	Route 1	Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.	

series	legend	Control mode		Overall dimension	weight
60-6068		Switching output	Route 18	L 131xW96xH81mm	0.4kg
		Switching quantity (passive)	Route 2	Installation mode	Operating frequency band
		Feedback input	Route 4	Rail type	420~450MHz
		Analog output	Route 2	Communication delay	Receiving sensitivity
		Analog input	Route 2	< 50ms	-126dBm
		Direct motor drive 3 ways	Route 1	Power supply	
		Motor power input	Route 1	Use 12~24VAC/DC power supply, power greater than 20W The relay has a load capacity of AC220V/1A.	

接收器选型

RECEIVER SELECTION

series	legend	Control mode		Overall dimension	weight
60-6070		Signal potentiometer	Route 2	L131xW47xH84mm	0.2kg
				Installation mode	Operating frequency band
				Rail type	420~450MHz
		RS485	Route 1	Communication delay	Receiving sensitivity
				< 50ms	-126dBm
				Power supply	
Use 18~24VAC/DC power supply, power greater than 5W.					

series	legend	Control mode		Overall dimension	weight
20		Switching output	Route 6	L117xW115xH40mm	200g
		Analog output	Route 2	Installation mode	Operating frequency band
				Rail type	420~450MHz
				Communication delay	Receiving sensitivity
				< 50ms	-126dBm
		scram	Route 1	Power supply	
Use 5VDC/12~24VAC/DC power supply, power greater than 5W The relay has a load capacity of AC220V/5A.					

series	legend	Control mode		Overall dimension	weight
21		Switching output	Route 6	L148xW120xH60mm	200g
		Analog output	Route 2	Installation mode	Operating frequency band
				Screw fixed type	420~450MHz
				Communication delay	Receiving sensitivity
		scram	Route 1	< 50ms	-126dBm
				Power supply	
Use 5VDC/12~24VAC/DC power supply, power greater than 5W The relay has a load capacity of AC220V/5A.					



RECEIVER SELECTION

series	legend	Control mode		Overall dimension	weight
30		Switching output	Route 6	L103xW53xH29mm	120g
				Installation mode	Operating frequency band
		RS232	Route 2	Screw fixed type	420~450MHz
				Communication delay	Receiving sensitivity
		RS485	Route 1	< 50ms	-126dBm
Power supply					
Use 5VDC/12~24VAC/DC power supply, power greater than 5W The relay has a load capacity of AC220V/5A.					

series	legend	Control mode		Overall dimension	weight
31-3100		RS485	Route 1	L109xW59xH35mm	200g
				Installation mode	Operating frequency band
		CAN	Route 1	Screw fixed type	420~450MHz
Communication delay				Receiving sensitivity	
31-3101		scram	Route 1	< 50ms	-126dBm
				Power supply	
				Use 5VDC/12~24VAC/DC power supply, power greater than 10W The relay has a load capacity of AC220V/1A	

series	legend	Control mode		Overall dimension	weight
8001		Switching output	Route 6	L141xW113xH43mm	750g
		RS485	Route 1	Installation mode	Operating frequency band
				Screw fixed type	420~450MHz
		CAN	Route 2	Communication delay	Receiving sensitivity
				< 50ms	-126dBm
scram	Route 1	Power supply			
		Use 5VDC/12~24VAC/DC power supply, power greater than 5W The relay has a load capacity of AC220V/5A.			



焊接行业 WELDING INDUSTRY

Functional characteristics

- Remote control transmitter protection level up to Ip65;
- The remote control adopts full isolation design and frequency hopping transmission technology, which greatly improves the anti-interference ability;
- The remote control supports up to 4 channels of HD video transmission and display at the same time, and the effective communication distance is 100 meters in an open straight line, without delay and without lag;
- There are 4.3 inches, 7 inches and other display options, high-definition picture quality, impeccable;
- Support two-way data transmission, multi-channel analog, multi-channel switching, digital communication RS485, CAN bus, DP, PN and other control modes;
- The LCD screen can display various sensor feedback signals, obstacle avoidance signals, engine speed, oil and other return information;
- Functions can be customized according to the actual needs of users.

Emitter

Size: L350mmxW168mmxH230mm

Weight: 4.5kg

Protection class: IP65

Remote control distance: open straight line 100 meters

Power supply mode: rechargeable

Display: Color screen

Receiving frequency band:

ISM 5G(5180 MHz ~5825MHz), 24 channels (bandwidth 20MHz)

Optional: ISM 2.4G(2412MHz to 2484MHz), 14 channels (bandwidth 20MHz)

Optional: ISM 900M(902MHz ~928MHz)

ISM 2.4G(2412MHz~2484MHz), 14 channels (bandwidth 20MHz)

ISM 900M(902MHz ~928MHz)

Receiver

Size: L131mmxW47mmxH81mm

Weight: 870g

Output mode: IO+ analog /RS485/CAN/PN

Relay capacity: 1A/220V AC

Operating voltage:12~24V AC/DC

Receiving sensitivity:~126dBm

Installation method: guide rail/screw fixed

CASE PRESENTATION



Functional characteristics

- Remote control transmitter protection level up to Ip65;
- Remote control distance can reach 150 meters open straight line (special can be customized);
- Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- With feedback function, the liquid crystal can display the current and voltage of the welding machine and the speed of the transverse arm and roller frame in real time;
- The remote control supports 30 switches and 2 analog outputs (output voltage 0~10V), and supports up to 41 groups of switching output and 3 after expansion Channel analog output;
- With a set of current, voltage regulation output and signal feedback, after expansion can support the current, voltage regulation and display of 2 welding machines;
- The receiver can choose RS485 communication mode to output control welding machine;
- Functions can be customized according to the actual needs of users;

Emitter

Size: G:L296xW133xH51mm;D:L270xW150xH132mm

Weight:G: 1.2kg; D: 2.0kg

Protection class: IP65

Remote control distance: open straight line 250 meters

Power supply: G:1.5V, No.5 battery (4 PCS); D:1.5V, No.5 battery (3)/ rechargeable

Display: Dot matrix LCD/color screen

Operating band: 420~450MHz

Receiver

Size: L155mmxW130mmxH60mm

Weight:500g

Output mode: >16 I/O ports +4 analog /PN

Relay capacity: 10A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: guide rail/screw fixed



Functional characteristics

- Remote control hand end protection level up to Ip65;
- Remote control distance up to 150 meters (open linear distance);
- Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- With feedback function, the liquid crystal can display the switching state and speed value synchronously in real time;
- Remote control supports up to 8 groups of switching quantity (220V/5A) A2012/1012 supports 8 groups of switching quantity, A2011/1011 supports 6 groups of switching quantity, A1015 supports 4 groups of switching quantity;

Emitter

Size: L214mmxW95mmxH48mm

Weight: 550g

Protection class: IP65

Remote control distance: open straight line 250 meters

Power supply: 1.5V No.5 battery (3 PCS)

Display: dot matrix LCD screen

Operating band: 420~450MHz

Receiver

Size: 20:L117xW115xH40mm; 21:L148xW120xH60mm

Weight: 350g

Output mode: 8 I/O ports +2 analog ports

Relay capacity: 5A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: Screw fixed



Functional characteristics

- Remote control distance up to 150 meters (open linear distance);
- Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- With feedback function, the LCD can display the parameters of grinding speed regulation and walking speed regulation in real time.
- With walking correction function, ensure smooth walking to achieve easy transition;
- The receiver has a variety of output modes to choose from :IO port + quasi-quantity (0~10V or 4~20mA) output, RS485, RS232, CAN bus, EC and other output modes can be selected;
- Functions can be customized according to the actual needs of users;

Emitter

Size: L:L267xW160xH136mm;K:L214xW95xH48mm

Weight: L:1.4kg; K: 550g

Protection class:IP65/IP68

Remote control distance: open straight line 250 meters

Power supply: K: 1.5V, No.5 battery (3 PCS); L: 1.5V, No.5 battery (3 PCS)/ rechargeable

Display: Dot matrix LCD/color screen

Operating band: 420~450MHz

Receiver

Size: L131mmxW47mmxL81mm

Weight: 200g

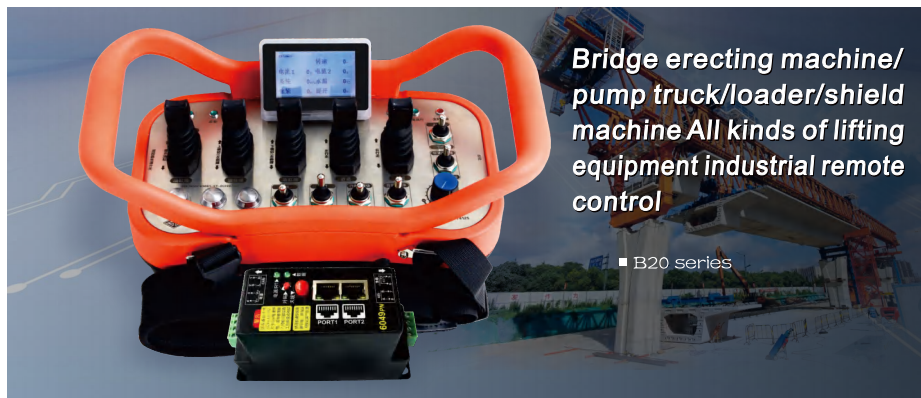
Output mode: IO port + analog /Rs485

Relay capacity: 1A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: guide rail/screw fixed



Bridge erecting machine/
pump truck/loader/shield
machine All kinds of lifting
equipment industrial remote
control

■ B20 series

工程机械行业 CONSTRUCTION MACHINERY INDUSTRY

Functional characteristics

- ✦ Remote control hand end protection level up to IP65;
- ✦ Remote control distance up to 150 meters (open linear distance);
- ✦ Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- ✦ With feedback function, the liquid crystal can display real-time engine speed, engine load ratio, water temperature, hydraulic oil amount, etc.
- ✦ This type of remote control can be equipped with multiple universal rocker;
- ✦ The receiver has a variety of output options: IO port + analog (0~10V or 4~20mA) output, RS485, RS232, CAN bus, EC and other output modes;
- ✦ Functions can be customized according to the actual needs of users;

Emitter

Size: L353mmxW169mmxH156mm

Weight: 2.3kg

Protection class: IP65

Remote control distance: open straight line 250 meters

Power supply: 1.5V No.5 battery (4 PCS)/ rechargeable

Display: Dot matrix LCD/color screen

Operating band: 420~450MHz

Receiver

Size: L131mmxW47mmxH81mm

Weight: 350g

Output mode: IO port + analog /RS485/CAN/PN/DP

Relay capacity: 5A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: Screw fixed

CASE PRESENTATION



工程机械行业 CONSTRUCTION MACHINERY INDUSTRY

Functional characteristics

- Remote control hand end protection level up to Ip65;
- Remote control distance up to 150 meters (open linear distance);
- Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- With feedback function, the liquid crystal can display the switching state and speed parameters in real time synchronously.
- The receiver has a variety of output modes to choose from :IO port + analog (0~10V or 0~800mA) output, RS485, RS232, CAN bus, DP, PN, EC and other output modes;
- Functions can be customized according to the actual needs of users;

Emitter

Size: L270mmxW150mmxH132mm

Weight: 2.0kg

Protection class:IP54

Remote control distance: open straight line 250 meters

Power supply: 1.5V No.5 battery (3 PCS)/ rechargeable

Display: Dot matrix LCD/color screen

Operating band: 420~450MHz

Receiver

Size: L131mmxW47mmxH81mm

Weight: 200g

Output mode: IO port + analog /Rs485

Relay capacity: 1A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: guide rail/screw fixed



Crawler-type mobile crushing station All kinds of track machinery industrial remote control

■ B20 series ■ A series

[Coal safety certification can be done according to user needs]

矿山机械行业 MINING MACHINERY INDUSTRY

Functional characteristics

- ✦ Remote control hand end protection level up to Ip65;
- ✦ Remote control distance up to 150 meters (open linear distance);
- ✦ Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- ✦ With feedback function, the liquid crystal can display the switching state and speed value synchronously in real time;
- ✦ The remote control has the function of moving the car at low speed to solve the trouble of turning, and the left and right tracks can be controlled respectively;
- ✦ This type of remote control can directly control the diesel engine system through CAN1939, and can control the hydraulic system, conveyor belt system and crushing station system;
- ✦ Functions can be customized according to the actual needs of users;

Emitter

Size: B:L353xW169xH156mm; A:L210xW97xH45mm

Weight: B: 2.3kg; A:450g

Protection class:IP65

Remote control distance: open straight line 250 meters

Power supply: 1.5V No.5 battery (4 PCS)/ rechargeable

Display: Dot matrix LCD/color screen

Operating band: 420~450MHz

Receiver

Size: L155mmxW130mmxH60mm

Weight: 500g

Output mode: IO port + analog /CAN

Relay capacity: 1A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: Screw fixed

CASE PRESENTATION



Crawler mower all kinds
of harvester industrial
remote control

■ M series

农业机械行业 AGRICULTURE MACHINERY INDUSTRY

Functional characteristics

- Remote control hand end protection level up to Ip54;
- Remote control distance up to 150 meters (open linear distance);
- Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- With feedback function, the liquid crystal can display the switching state and speed parameters in real time synchronously.
- The receiver has a variety of output modes to choose from :IO port + analog (0~10V or 0~800mA) output, also CAN choose RS485, RS232, CAN bus, DP, PN, EC and other output modes;
- Functions can be customized according to the actual needs of users;

Emitter

Size:L170mmxW107mmxH45mm

Weight: 350g

Protection class:IP54

Remote control distance: open straight line 250 meters

Power supply: 1.5V No.7 battery (3 PCS)

Display: dot matrix LCD screen

Operating band: 420~450MHz

Receiver

Size:L131mmxW47mmxH81mm

Weight: 200g

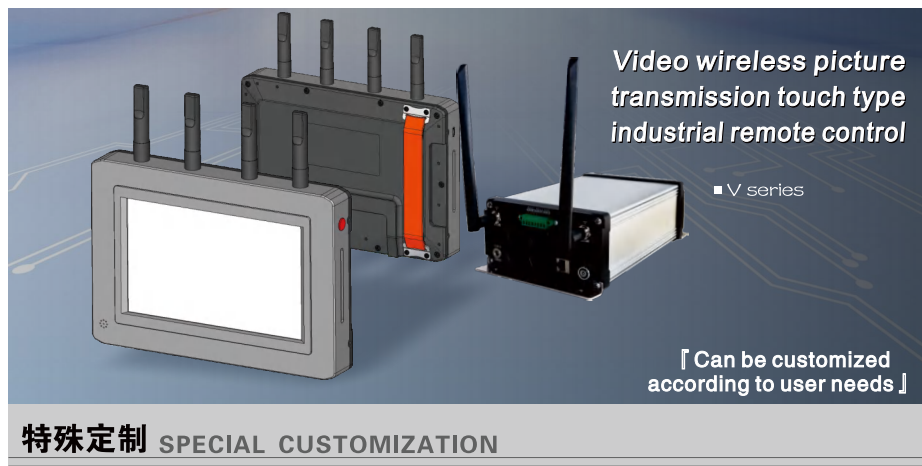
Output mode: IO port + analog /Rs485

Relay capacity: 1A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: guide rail/screw fixed



特殊定制 SPECIAL CUSTOMIZATION

Functional characteristics

- ✦ Remote control hand end protection level up to Ip65;
- ✦ Remote control distance up to 100 meters (open linear distance);
- ✦ Full isolation design and frequency hopping transmission technology, anti-interference ability is greatly improved;
- ✦ There are 4.3 inches, 7 inches and other display options, high-definition picture quality, impeccable;
- ✦ Support two-way data transmission, multi-channel analog, multi-channel switching, digital communication RS485, CAN bus, DP, PN and other control modes;
- ✦ The LCD screen can display various sensor feedback signals, obstacle avoidance signals, engine speed, oil and other return information;
- ✦ Functions can be customized according to the actual needs of users;

Emitter

Size: 210mmx150mmx45mm

Weight: 450g

Protection class: IP65

Remote control distance: open straight line 100 meters

Power supply mode: rechargeable

Display: 7" touch color screen

Operating band: 420~450MHz

Receiver

Size: 240mmx157mmx83mm

Weight: 870g

Output mode: IO port + analog /CAN

Relay capacity: 10A/220V AC

Operating voltage: 12~24V AC/DC

Receiving sensitivity: -126dBm

Installation method: Screw fixed

FAULT AND SOLUTION

	Problem spot	Cause of occurrence	solution
1	Speed after user changes transmitter Why is regulation abnormal?		Check whether the hand-held end of the remote control and the receiver are the same A model A10 series and A20 series are not compatible Use.
2	The transmitter shows "Press estop What is the reason for "to restore"?"	This situation is caused by the receiver The wireless signal between the handheld terminal Bad cause	① Correctly install the receiver antenna in strict accordance with the specifications; ② Away from high-power inverter, high-power walkie-talkie, Interference sources such as high-power motors need to be replaced Short antenna; ③ The transmitter or receiver antenna module is damaged; ④ Check whether the receiver antenna is loose.
3	Why does the transmitter display "Lost connection" or "Tx"?	Because the hand-held end and receiver do not Method connection.	① The transmitter is damaged; ② The receiver power supply is faulty or damaged; ③ If the receiver ID code is lost, the code can be restored again. ④ Stay away from high-power equipment; ⑤ The receiver antenna should be raised to shorten the transmitter and connection The operating distance of the receiver should avoid obstacles when operating; ⑥ Check whether the receiver antenna interface is loose or day Whether the extension wire is straightened;
4	Why, in normal operation, launch The device operates a function, the transmitter out There is a power failure, and there is a restart The computer interface?	The output of the transmitter function is short-circuited.	① Check whether the function output line is connected with the negative electrode; ② Transmitter main control board short circuit, returned to factory repair;
5	Transmitter and receiver communication is normal, Some functions have no output?	① The transmitter switch is damaged or the main control board is faulty; ② Receiver relay is bad or external wiring contact is poor or other failures;	① If the operating transmitter observes that the receiver line indicator light does not change, the transmitter is faulty, check whether the welding wire on the function switch is normal; ② If the operator of the transmitter observes whether the receiver line indicator light changes, check whether the external output line of the corresponding function of the receiver is connected reliably; The above troubleshooting problem still cannot be solved, please contact the supplier

WARRANTY AND AFTER-SALES

	Problem spot	Cause of occurrence	solution
6	Remote control how to code?	When the transmitter or receiver fails, after separate replacement, the transmitter and receiver need to be paired again in order to work normally. When pairing setting, it is necessary to ensure that the transmitter and receiver are the same model, and operate in close distance as possible to prevent interference from other remote control wireless signals;	① Turn on the receiver power supply (the indicator light indicates normal power supply) and turn on the transmitter power supply; ② Press the emergency stop button (note: If you press the emergency stop when the network is off, the emergency stop state will not be displayed); ③ Long press the "lock/unlock" button (without this button, please refer to the attached page), about 10 seconds, when the screen displays "64 0" can release the "lock/unlock" button; ④ After releasing the "lock/unlock" button, press the receiver code button (about 10 seconds, enter the pairing mode, when the "0" in "64 0" is not 0, and constantly change, indicating that the transmitter and the receiver are successfully paired; Then release the emergency stop, enter the work interface, can operate normally;

Quality assurance

Our company guarantees that the products leave the factory, in full compliance with its published specifications; Users can install according to the regulations, and can be used normally; There is no guarantee that the operation of this Product will be uninterrupted or error-free.

Product warranty

- 1、this product from the date of the factory enjoy a one-year warranty period, to ensure that customers will not have any product problems within one year, if in warranty During the period, as long as the product quality is proved to be defective or other problems, our company is willing to repair;
- 2、any products need to be repaired, must be sent to our company or our company designated service office, customers need to bear the product sent to the maintenance office One way freight, while our company is responsible for the return cost within the warranty period, to return the product.

After-sales response time

- 1、the company promises, after-sales remote guidance response time is not more than 24 hours;
- 2、for the remote control that needs to be returned to the company for maintenance, the maintenance time is not more than 7 working days (normal 1-3 working days).

After-sales contact

- 1、recommend priority contact and communication with your sales staff;
- 2、in case of on-site emergency, emergency failure can directly contact the after-sales engineer:
Zhou: 153 9009 2120/ Liu: 19981293551



WARRANTY AND AFTER-SALES

packaging

- 1、the product usually has outer packaging and inner packaging, can meet the transport requirements of sea, land, air and other transportation, product packaging for paper Quality, avoid wet and watery environment;
- 2、the packaged products should be stored in $-10\sim+40^{\circ}\text{C}$, the relative humidity is not more than 80% ventilation, no strong electromagnetic field around the influence, In a warehouse without other corrosive gases in the air;
- 3、When stacking, the packing box should be upward in the direction indicated by the logo, and the top shall not exceed 5 layers of the same goods;
- 4、Avoid direct rain and snow attacks and strong shock shocks during transportation, and avoid brutal loading and unloading, trampling, extrusion, falling, etc, To avoid damage to the product.

Daily maintenance and maintenance

1. The remote control should be maintained regularly, including checking the emergency stop function before each use;
- 2, the remote control should often check whether the switch and other accessories are damaged and malfunctioning;
- 3, the rubber sleeve on the remote control and other waterproof and dustproof accessories should be regularly checked, damaged should be replaced in time;
4. The fixed belt of the remote control transmitter is damaged and loses its original function, which should be repaired or replaced in time;
- 5, the remote control should be kept clean regularly, protect the nameplate from damage, and keep the handwriting legible;
- 6, it is recommended to check every two weeks.

专注无线控制技术

Focus on wireless control technology

Chengdu Edelais Technology Co.,LTD

5F, Unit 2, Building 2, No. 118, Hang Tian Road, Chenghua District, Chengdu

Sales Tel: 189 8078 5699 After-sales support: 153 9009 2120

Official website: www.edelais.com

Wuxi Edelais Technology Co.,LTD

No.33, Zhongsi She, Taoyuan Village, Yangshan Town, Huishan District, Wuxi City

Technical/business consulting: 189 6170 0266



Official website
QR code



Technical/business
consulting



Official Douyin