

◆ 12.1" power centralized display ◆

Product

The centralized display is equipped with an integrated HMI terminal with a 12.1" TFT LCD and capacitive touch screen. The terminal interacts with the target device through the serial or Ethernet interface and displays. It sets the status of the target device according to the actual business requirements with the corresponding application software.



Technical parameters

No.	Item	Technical Specification
Hardware	Touch Screen	Capacitive touch screen
	LCD	12.1" TFT LCD
	Resolution	1024*768
	Size	10.4"
	CPU	Main frequency 1GHz
	Hard Disk Capacity	EMMC 32GB
	Memory Capacity	2GB
Supply voltage	Screen backlight	Adjustment and switching via software
	Supply voltage	DC110V
External interface	Support broad voltage input (DC77V-137V), dual power supply redundancy	
	USB 2.0	1 way
	RS232	2 way
	Ethernet	1 way
Power	RS485	2 way
	Power	<20W
Appearance size	Height*Width*Thick	250*350*64mm

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Model Description

Product Model	Function Description
RL-XSP-SX-10.4	Data interaction with the target device via serial interface or Ethernet interface to display and set the status of the target device.

Application Environment

Altitude	not more than 5100m
Working temperature	-25℃~+70℃
Storage temperature	-45℃~+85℃
Relative humidity	the average monthly maximum relative humidity of the wettest month is not more than 95% (the average monthly minimum temperature is 25℃)
Installation conditions	installed in the body of the car that can prevent the direct attack of wind, sand, rain, and snow

Main Features

- Realizing human-machine interaction is an essential part of the train network control system. It mainly communicates with the monitoring host to display train operation status information, fault diagnosis information, public information, etc.
- Display and broadcast the alarm information of the vehicle monitoring system
- Data can be downloaded via USB (e.g. self-test report)
- Realization of various equipment voice prompts centralized management of alarms and standardized vocalization.
- Communicate with various devices that require voice prompts and alarms according to standardized and regulated communication protocols and data formats. Timely response and scheduling of voice starts and alarm requests from various devices.
- According to the voice code, automatically generate a variety of prompts, alarm voice, and according to the unique code requirements, automatically create a variety of prompts, alarm voice

Dimension

