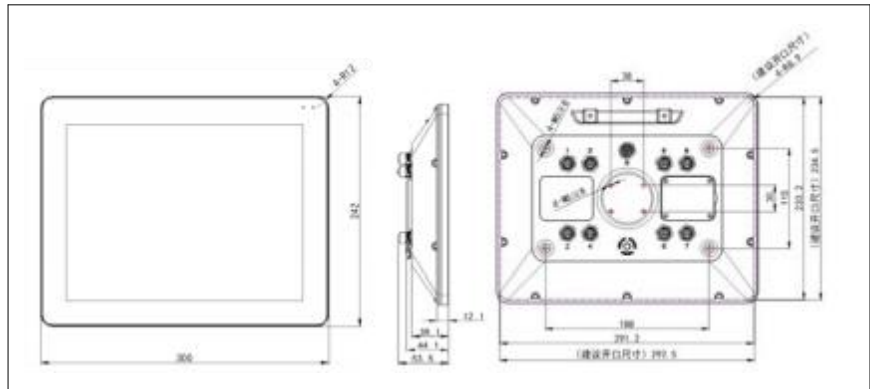


SPD-121-Ax Series

12" 24-bit colour touch screen
 4 CAN
 Codesys3.5 Programming
 6 High Definition Video
 8...32 V DC



Technical parameters

Housing	
Size(Length×width×height)	
Installation	
Connector	
Weight	
Working temperature	
Protection Class	
Display area of the display screen	
Brightness	
Resolution	
Contrast ratio	
Backlight life	
Video	Video power output
	Input format
	Number of input channels
Inputs	
Possible configurations	
*All input ports have misconnected power supply and grounding protection	
Outputs	
Possible configurations	
*All digital output ports are equipped with short circuit feedback, short circuit and overheat protection	
Working voltage UEE	
Power consumption	
CAN interface 1/2/3/4	
Baud rate	
Ethernet communication	
USB communication	
Bluetooth communication	
Processor	

Description

Aluminium															
300×242×53.5mm															
Embedded installation Or 4 M5 × 10 (Rear Cover) Screw Installation															
M12*8 Sealed waterproof connector															
2.8 kg															
-20...70℃															
IP65															
245.76×184.32															
≥480cd/m ²															
1024×768															
Typical value is 1000															
50000H															
12Vdc/700mA															
Analog AHD video input															
4															
Up to 1 input can be configured															
<table border="1"><thead><tr><th>Number</th><th>Signal</th><th>Remark</th></tr></thead><tbody><tr><td>1</td><td>Analog</td><td>0...32V</td></tr><tr><td>or</td><td>Analog</td><td>0... 10V</td></tr><tr><td>or</td><td>Current</td><td>0...20mA</td></tr><tr><td>or</td><td>Digital</td><td>Configurable high/low level</td></tr></tbody></table>	Number	Signal	Remark	1	Analog	0...32V	or	Analog	0... 10V	or	Current	0...20mA	or	Digital	Configurable high/low level
Number	Signal	Remark													
1	Analog	0...32V													
or	Analog	0... 10V													
or	Current	0...20mA													
or	Digital	Configurable high/low level													
DI ^{H/L} : The high and low effective of the digital input can be configured, and the threshold voltage can be adjusted by software.															
Up to 1 output can be configured															
<table border="1"><thead><tr><th>Number</th><th>Signal</th><th>Remark</th></tr></thead><tbody><tr><td>1</td><td>Digital</td><td>High side output</td></tr><tr><td>or</td><td>PWM^H</td><td>PWM High side output</td></tr></tbody></table>	Number	Signal	Remark	1	Digital	High side output	or	PWM ^H	PWM High side output						
Number	Signal	Remark													
1	Digital	High side output													
or	PWM ^H	PWM High side output													
8...32 V DC															
≤1A (No external load at 24 V)															
CAN 2.0 A/B															
20 kbits/s... 1 Mbits/s (default setting 250 kbits/s)															
Self-adaption 10/100M bit/s, can be used for online login debugging and network communication															
Hi-Speed USB for downloading updates and importing and exporting data files															
Support 5.0 BR/EDR BLE protocol for product program update															
6-core high-performance CPU															