

STS1023-0250 product specification

1 Product information

Product name	model number	Description
10.1-inch embedded industrial touch screen	STS1023-0250	Equipped with 10.1 inch resolution of 1280*800 high-definition LCD display, projection type multi-point capacitive touch screen, support HDMI, DVI, DP three signal transmission interface and multiple USB2.0 interface expansion, the maximum communication distance between PC and touch panel up to 30 meters, the whole machine DC24V power supply, front panel IP65 protection level, The interface is all fastening design, and through the CE/FCC certification

2 Product parameters and certification

Classification	Parameter items	Specification values
LCD screen	Screen type	10.1 "Full HD TFT
	Resolution	1280 x 800
	Maximum color	16.7 M
	Display area (W × H)	216.566 * 135.36 mm
	Backlight	WLED
	Backlit MTBF	≥30,000 hours
	Brightness	250cd/m ²
	Contrast	1000:1
	Perspective	(L)89° (R)89° (B)89° (T)89°
Touch screen	Type	Projective capacitive touch screen
	Multi-touch	10 points
	Transmittance	85%
	Controller	USB port
	Driver support	Windows/Linux
	Response time (stylus)	<5ms
	Surface hardness	≥6H
	Touch life	250g/ 120 million times
System parameters	Display interface	HDMI/DVI-D/DP

Classification	Parameter items	Specification values
	Communication port	USB 2.0
	Instructions and Operations	/
Power supply	Input voltage	DC 24V
	Maximum power consumption	18W
Physical characteristics	Installation	Embedded /VESA installation
Environmental parameters	Operating temperature	0 ~ 50 °C
	Storage temperature	- 10 ~ 60 °C
	Relative humidity	10% to 95% RH@40 ° C (no condensation)
	Working vibration	IEC 600682-2-64:1.5Grms/5 to 500Hz/random
	Working shock	IEC 600682-2-27:10g (11ms)
	EMC certification	CE/FCC Class B
	Waterproof rating	Front panel IP65

3 Warranty period

Standard warranty period: 1 year warranty for the whole machine

4 Physical product photos

