

Flexem Industrial Touch Screen FE9000 Series

Model: FE9150M

Products Overview

- Metal frame, better heat radiation with strong Anti-interference.
- Main board is with conformal coating, applicable for various harsh environment.
- High Resolution, high brightness, LED backlight with Energy saving environmental protection.
- USB port supports U-disc data storage and downloading.
- Fully new configuration software, rich library and strong function.
- It uses isolated power module with lightening and surging protection.
- 4-serial ports with Ethernet and strong expansion capability.

Products Outlook


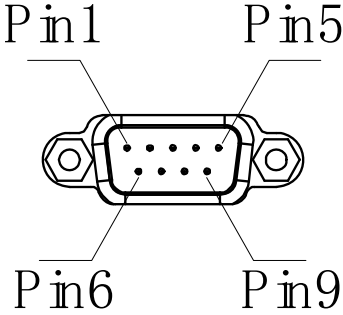
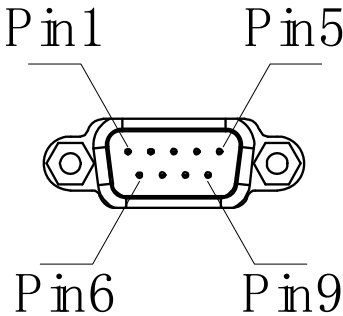





Products Specifications

Hardware Paramters	Touch Screen	15" 4:3 TFT LCD Touch Screen
	Resolution	1024×768
	Color	65K
	Brightness	400 cd/m ²
	Backlight	LED
	LCD Life	50000 hours
	Touch Screen	4-wire industrial touch screen
	CPU	4-core 1.2G Cortex-A53 Processor
	Memory	8GB Flash+1GB DDR3
	RTC	Built-in Timer
	SD Card	Supporting
	Ethernet	10M/100M adaptable Ethernet Ports
	USB Ports	1 USB Slave 2.0 ports, 1 USB Host 2.0 ports
	Program Downloading	USB Slave ports/U-disc/Ethernet /SD Card
	Serial Communication Ports	COM1/COM2:RS232/RS485/RS422 COM3/COM4:RS232
LCD View Angle (T/B/L/R)	80'/80'/80'/80'	
Electric Specifictat ions	Rated Power	< 15W
	Rated Voltage	DC24V, working range DC 18V~28V
	Power Protection	It used isolated power module equipped with lightning and surging protection.
	Powe Loss	< 5mS
	CE & RoHS	It confirms to EN61000-6-2:2005,EN61000-6-4:2007 standard, Confirms to RoHS, lightning and surging ± 1KV,group pulse ± 2KV, electrostatic contact: 4KV, air discharge:8KV
Environm ent Specifictat ions	Working Temperature	-20~70℃
	Storage Temperature	-30~80℃
	Anti-violet	It prohibits working under strong violet environment such as direct sunshine
	Environment Humidity	10~90%RH (non condensate)
	Anti-vibration	10~25Hz (X,Y,Z direction 2G/30 minutes)
	Cooling Way	Natural Cooling
Mechanic Parameter	Protection Grade	Front panel confirms to IP65(equipped with plat cabinet installation), metal cover confirms to IP20

s	Mechanic Structure	Alloy Aluminium+galvanized sheet spraying
	Hole Size	360mm×272mm
	Machine Size	394mm×297mm×48.3mm
	Weight	About 4300g

Wiring

Power Terminals (Pin 1~3 from left to right)		
	Pin1	FG
	Pin2	0V
	Pin3	DC24V
DB9 Serial Ports (COM1/COM3)		
	Pin1	Rx-(B)
	Pin2	RxD (COM1 RS232)
	Pin3	TxD (COM1 RS232)
	Pin4	Tx-
	Pin5	GND
	Pin6	Rx+(A)
	Pin7	RxD (COM3 RS232)
	Pin8	TxD (COM3 RS232)
	Pin9	Tx+
DB9 Serial Ports (COM2/COM4)		
	Pin1	Rx-(B)
	Pin2	RxD (COM2 RS232)
	Pin3	TxD (COM2 RS232)
	Pin4	Tx-
	Pin5	GND
	Pin6	Rx+(A)
	Pin7	RxD (COM4 RS232)
	Pin8	TxD (COM4 RS232)
	Pin9	Tx+
USB Host		
	USB Type A	Used for collecting U-disc and scanning guns etc external devices.
USB Slave		
	USB Type B	Used for program downloading and testing.
Ethernet Ports		
	RJ45	Used for controller Ethernet setting or used for server connection.

Size FE9150M

