

FLEXEM HMI 3000 series

Model: FE3343H

Products Overview

- High resolution,high brightness.
- 2serialportssupporting RS232/485/422.
- 1 lineUSBsupporting U-disc data storage and downloading.
- Cansupply USB power downloading program.
- ABS frame,high adaptability and reliability.
- Professional outlook design, good appearance and actual wiring way.
- FStudio configuration software, rich library, strong funct

Products Appearance



Products Specifications

Hardware Parameters	Display	4.3" 16:9 TFT LCD Screen
	LCD Viewing Angle (T/B/L/R)	50'/70'/70'/70'
	Resolution	800×480
	Color	16-bit
	Brightness	250 cd/m ²
	Backlight	LED
	Half Brightness Life Time	50000 hours
	Touch Screen	4-wire industrial touch scree
	CPU	1GHz,dual core Cortex-A7
	Memory	128MB Flash + 128MB DDR3
	RTC	Built-in
	Ethernet	NA
	USB Port	1 Type-C OTG interface
	Program Download method	USB Slave/U-disc
	Serial Communication Ports	COM1:RS232/RS485/RS422 COM3:RS232
Electrical specifications	Rated Power	<5W
	Rated Voltage	DC24V,working range DC 9V~28V
	Power Protection	With lightning surge protection
	Power Loss	< 5mS
	CE & RoHS	Confirms to EN61000-6-2:2005,EN61000-6-4:2007 standard,lightening&surging±1KV,group pulse±2KV,electricity contact4KV,air discharge: 8KV,RoHS
Environment Requirement	Working Temperature	0~50℃
	Storage Temperature	-20~60℃
	UV-Proof	Do not work in strong ultraviolet environment (such as direct sunlight).
	Ambient humidity	10~90%RH (non-condensate)
	Anti-vibration	10~25Hz (X,Y,Z direction 2G/30 minutes)
	Cooling Way	Natural Cooling
Mechanic	Protection Grade	Front panel confirms to IP65,equipped with flat cabinet.

Paramters	Mechanic Structure	ABS Engineering
	Hole Dimension	132mm×80mm
	Machine Size	138mm×86mm×32mm
	Machine Weight	About 300 g

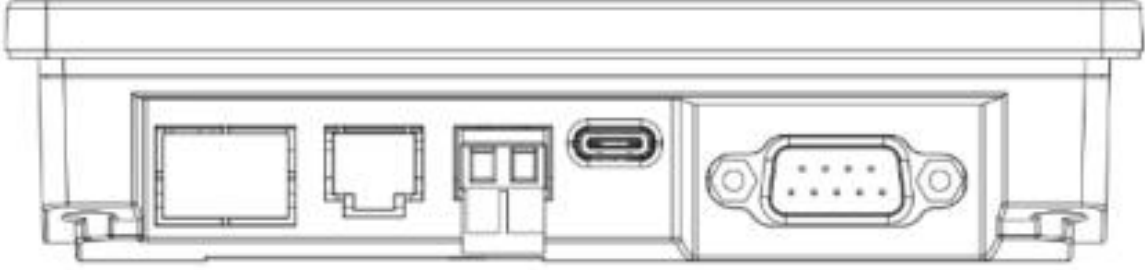
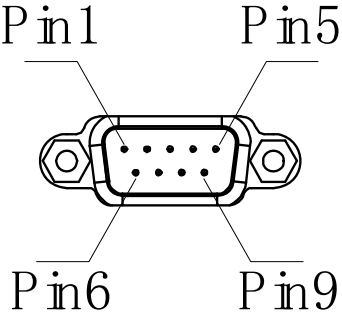
Description of the interfaces

Technical Hot-line :

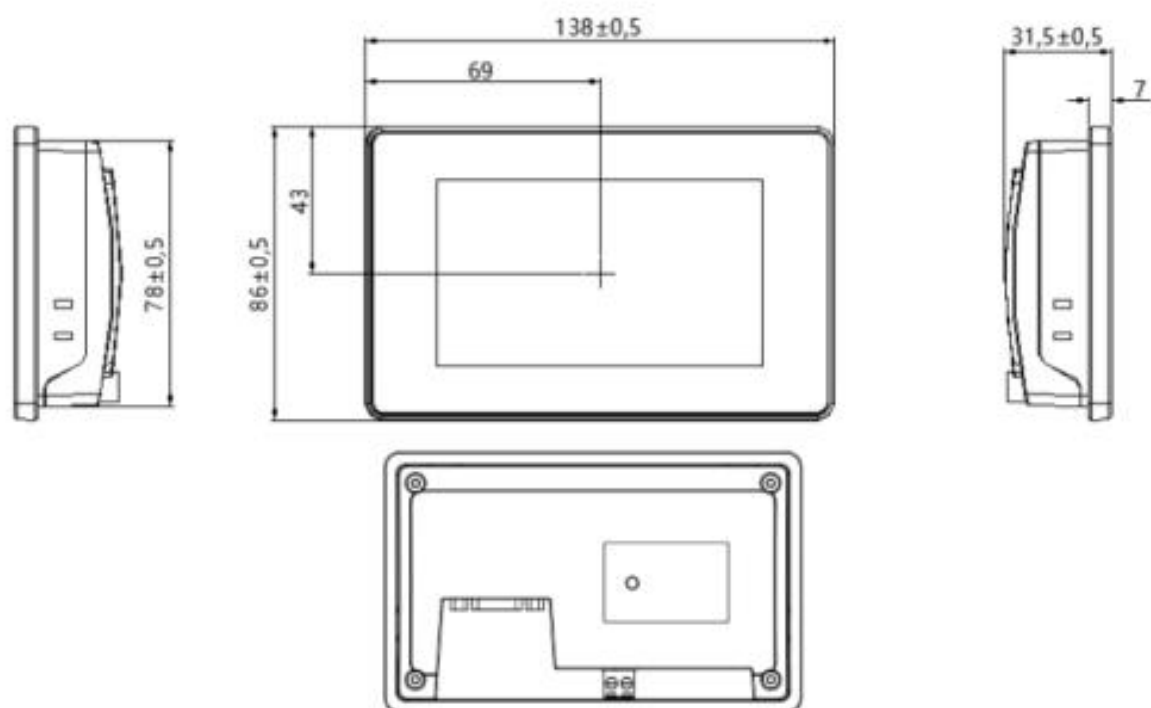
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Website: www.flexem.cn

Device intelligence will be pushed step by step. ³

		
Power Terminal (Pin1~2 from left to right)		
	Pin1	0V
	Pin2	DC24V
DB9 Serial Port		
	Pin1	Rx-(B) (COM1 RS422/485-)
	Pin2	RxD (COM1 RS232)
	Pin3	TxD (COM1 RS232)
	Pin4	Tx- (COM1 RS422)
	Pin5	GND
	Pin6	Rx+(A) (COM1 RS422/485+)
	Pin7	RxD (COM3 RS232)
	Pin8	TxD (COM3 RS232)
	Pin9	Tx+ (COM1 RS422)
USB OTG(Supporting Main port or Slave Port)		
	USB Type-C	Slave Port:used for program downloading and testing.
		Main Port:used for U-disc,scanning gun,etc devices (needs equipping Type-C and USB Type-A conversion line).

Dimension drawings FE3343H



Embedded Hole Installation: 132*80mm