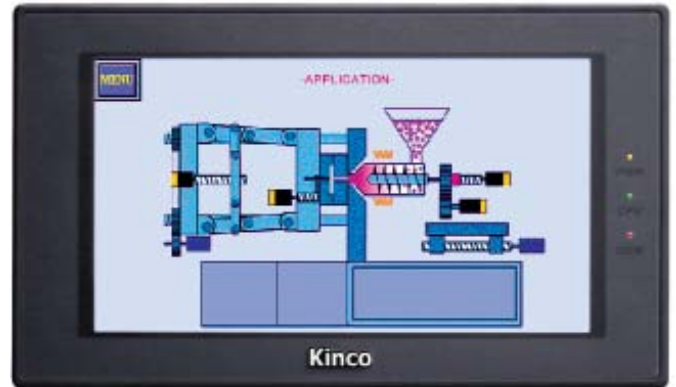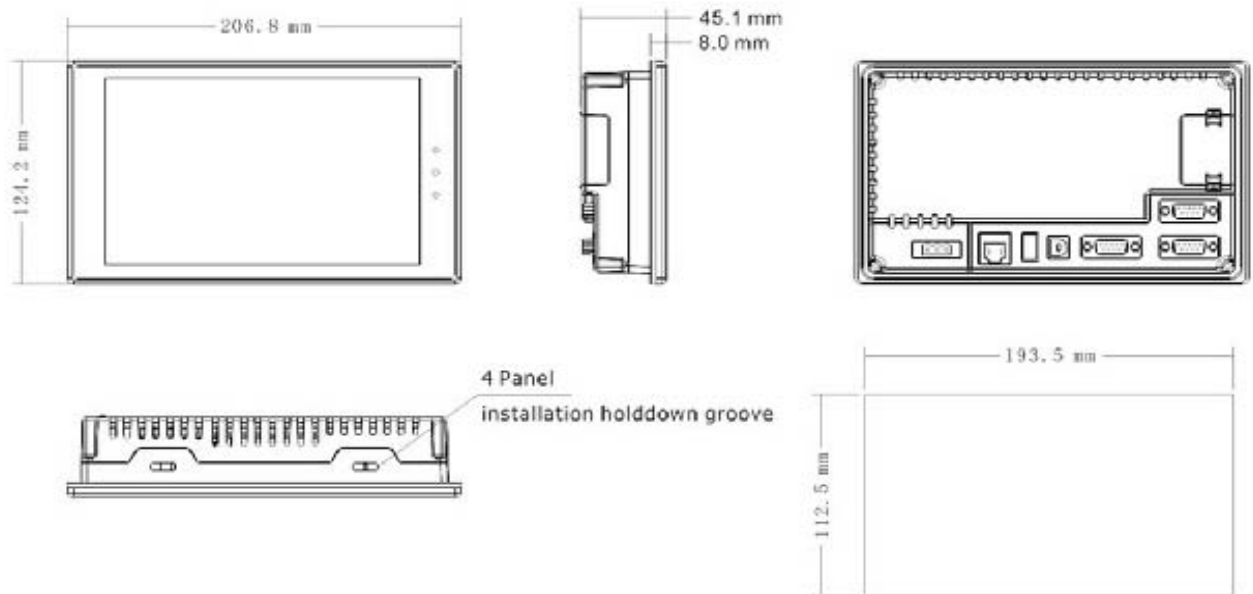**FEATURES**

- *65536 True Color TFT LCD*
- *32 Bit, 400MHz RISC CPU*
- *128M FLASH+64M Mobile DDR*
- *128KB Recipe Memory, Record Date Easily*
- *Real-Time Clock, Reserve Time for More than 2 Years at Power Off State*
- *3 COM ports, Supports Simultaneous Communication;RS232/RS422/RS485*

DESCRIPTION

The MT4000 Series is a very powerful HMI product that will make your application soar. This HMI line comes with a 65536 color display mode that gives your touch screen rich color and incomparable resolution. With the application of a powerful 400 MHz 32-bit RISC processor, the MT4000 provides faster processing speeds. Each HMI supports simultaneous communications via its multiple serial ports, so that you may connect to different controllers at the same time. With the simple, convenient and powerful EV5000 configuration software, the user can master its design method and create first-class programs efficiently.

DIMENSIONS

206.8 mm

124.2 mm

45.1 mm
8.0 mm

4 Panel
installation holddown groove

193.5 mm

112.5 mm

L011333

SPECIFICATIONS

Peformance Specification	
Display	7" 16:9 TFT
Resolution	800x480 Pixels
Color	65536 Colors
Backlight	LED
Brightness	300cd/m²
Backlight Life	50000 Hr.
Touch Panel	4-Wire Precision Resistance Network
Processor	32-bit RISC CPU624MHz
Memory	128M FLASH, 64M Mobile DDR
Expandable Memory	1 USB host, 1 SD Card
Recipe Memory & RTC	128KB & RTC
Printer Port	USB/Serial Port
Ethernet	None
Program Download	USB Slave/Serial Port
COM Port	COM0:RS232/RS485-2/RS485-4, COM1:RS232/RS485-2/RS485-4, COM0:RS232

Electrical Specification	
Rated Power	8W
Rated Voltage	24 VDC
Input Range	21~28 VDC
Power Down Allowed	<5ms
Insulation Resistance	>50M Ω @500VDC
Dielectric Strength Test	500 VAC 1 Minute

Structure Specification	
Shell Color	Black
Shell Material	ABS
Dimensions(mm)	206.8 x 124.2x45.1
Cutout Size(mm)	193.5x112.5
Weight	0.8kg

Environment specification	
Operating Temperature	0~45C
Operating Humidity	10~90% Non-Condensing
Storage Temperature	-10~60C
Storage Humidity	10~90% Non-Condensing
Shockproof Test	10~25Hz (X,Y,Z Direction, 2G, 30 Minutes)
Cooling Method	Natural Air Cooling

Certification	
Degree of Protection	IP65 (Front Panel)
CE Certification	Comply with EN61000-6-2:2005 and EN61000-6-4:2007 Standards
FCC Compatibility	Complies with FCC Class A

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