

FEATURES

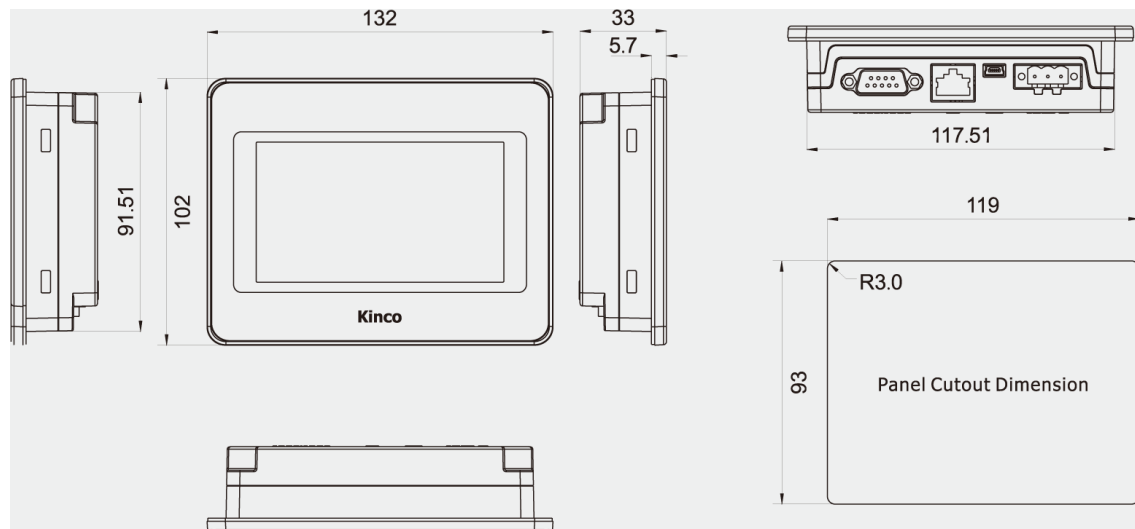
- 65,536 True Color TFT LCD
- 32-bit, 800 MHz RISC CPU
- 128 MB FLASH + 64 MB DDR2
- 512 KB Recipe Memory, Record Data Easily
- Real-Time Clock, 2 Year Reserve Time when Powered Off
- 2 COM Ports, Supports Simultaneous Communication; RS232/RS485



DESCRIPTION

The MT4000 Series is a very powerful HMI product that will make your application soar. This HMI line comes with a 65,536 color display that gives your touch screen rich color and incomparable resolution. With the integration of a powerful 800 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 numerous controllers. With the simple, convenient and powerful HMIware configuration software, the user can master their design method and create first-class programs efficiently.

DIMENSIONS



L011215

<b>Performance Specifications</b>	
Display	<b>4.3" TFT</b>
Resolution	<b>480x272 Pixels</b>
Color	<b>65,536 Colors</b>
Backlight	<b>LED</b>
Brightness	<b>250 cd/m<sup>2</sup></b>
Backlight Life	<b>50,000 Hrs</b>
Touch Panel	<b>4-Wire Precision Resistance Network</b>
Processor	<b>32-bit RISC CPU 800 MHz</b>
Memory	<b>128 MB FLASH, 64 MB DDR2</b>
Expandable Memory	<b>None</b>
Recipe Memory & RTC	<b>512 KB &amp; RTC</b>
Printer Port	<b>Serial Port</b>
Ethernet	<b>None</b>
Program Download	<b>MINI USB Slave/Serial Port</b>
COM Port	<b>COM0: RS232/RS485-2/RS485-4, COM2: RS232</b>
<b>Electrical Specifications</b>	
Rated Power	<b>2.4 W</b>
Rated Voltage	<b>24 VDC</b>
Input Range	<b>12~28 VDC</b>
Power Down Allowed	<b>&lt; 3 ms</b>
Insulation Resistance	<b>&gt; 50m <math>\Omega</math> @ 500 VDC</b>
Dielectric Strength Test	<b>500 VAC 1 Minute</b>
<b>Structure Specifications</b>	
Shell Color	<b>Black</b>
Shell Material	<b>ABS</b>
Dimensions (mm)	<b>132 x 102 x 33</b>
Cutout Size (mm)	<b>119 x 93</b>
Weight	<b>0.21 kg</b>
<b>Environment Specifications</b>	
Operating Temperature	<b>0~50° C</b>
Operating Humidity	<b>10~90% Non-Condensing</b>
Storage Temperature	<b>-10~60° C</b>
Storage Humidity	<b>10~90% Non-Condensing</b>
Shockproof Test	<b>10~25 Hz (X,Y,Z Direction, 2G, 30 Minutes)</b>
Cooling Method	<b>Natural Air Cooling</b>
<b>Certifications</b>	
Degree of Protection	<b>IP65 (Front Panel)</b>
CE Certification	<b>Comply with EN61000-6-2:2005 and EN61000-6-4:2007 Standards</b>