

## TOUCH HMI

### Performance and Essential

88970553

HMI CTP104-E Performance 4.3" + M3 Serial Cable

- 4.3", 7" and 9.7" Resistive touch screens
- Direct connection to Crouzet Logic Controller
- RS232/485 & TCP/IP Ethernet Communications



### PRODUCT DESCRIPTION

The Crouzet Touch range of HMI offers a high quality, high performance HMI but at a highly competitive price.

We see more and more panels and system controlled and monitored by an HMI as opposed to traditional gauges, pilot light and meters. Modernising a panel with an HMI used to be an expensive and difficult task. Now, with the new range of Crouzet Touch HMI you can modernise and improve your application at a fraction of the historical costs.

The Crouzet Touch range consists of two versions,

Essential	Performance
<ul style="list-style-type: none"> <li>• TFT-LCD resistive touch screen</li> <li>• Fan less cooling system</li> <li>• 32 bit 600 Mhz Cortex-A8 processor</li> <li>• Built-in RTC</li> <li>• Direct communication with Millenium 3 logic controller</li> <li>• MODBUS RS232/485 protocol</li> <li>• CE Mark</li> </ul>	<ul style="list-style-type: none"> <li>• TFT-LCD resistive touch screen</li> <li>• Fan less cooling system</li> <li>• 32 bit 600Mhz or 1 Ghz Cortex-A8 processor</li> <li>• Built-in RTC</li> <li>• Direct communication with Millenium 3 logic controller</li> <li>• MODBUS RS232/485 protocol</li> <li>• MODBUS TCP/IP protocol</li> <li>• Integrated VNC server</li> <li>• Additional function provided;</li> <li>• Emails, recipe database, enhanced security and many more</li> <li>• CE mark, cULus listed</li> </ul>

### SPECIFICATIONS

Approvals	UL, CE
Backlight	LED > 30.000 h
Depth	32 mm
Display	4,3" TFT LCD
Height	102 mm

I / O Ports - COM Port RS-232	COM1 male
I / O Ports - COM Port RS-485	COM1 2/4 wires male, COM3 2 wires male
IP Class Front	IP65
Power consumption	300 mA @24V
Processor	32 bit RISC Cortex-A8, 600 MHz
Punching	119 x 93 mm
Resolution	480x272
Supply voltage	24 V DC
Temperature range from	0 °C
Temperature range to	50 °C
Width	128 mm

