

## TOUCH HMI

### Performance and Essential

88970574

HMI CTP110-E Performance 10" (obsolete, please see 88970584)

- 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>

## TECHNICAL DATA

### GENERAL DATA

Supply voltage	24 V DC
Display	9,7" TFT LCD
Current consumption	650 mA @24V
Resolution	1024x768

Backlight	LED > 30.000 h
Processor	32 bit RISC Cortex-A8, 1 GHz
Memory for data	512 MB
I/O ports - COM port RS-232	COM1 male, COM3 male
I/O ports - COM port RS-485	COM2 2/4 wires female, COM3 2 wires female
I/O ports - ethernet port	2 x RJ45, 10/100/1000 Mbit/s, MDI/MDIX
I/O ports - USB host	2.0

OTHER TECHNICAL DATA

Width	260.6 mm
Depth	36.5 mm
Height	203.1 mm
Hole size	250 x 192 mm
IP class front	IP65
Temperature operational min	0 °C
Temperature operational max	50 °C
Vibration resistance	10-25 Hz (X, Y, Z direction, 2G 30 minutes)
Approvals	CE

