

Crouzet Touch HMI for em4, MILLENIUM EVO Millenium



automation.crouzet.com

CROUZET TOUCH PANELS

A COMPLETE HMI RANGE FOR INDUSTRIAL APPLICATIONS



Learn more about the Crouzet Touch Panels





	4.3"	7"	9.7"	4.3"	7"
	PERFORMANCE			ESSENTIAL	
Туре	CTP104-E	CTP107-E	CTP110-E	CT104	CT107
Part Number	88 970 554	88 970 564	88 970 574	88 970 524	88 970 534
Certification	CE-UL	CE-UL	CE	CE	CE
Ethernet	v	V	V	-	-
USB Host	4	v	V	-	v
RS232 / RS485	v	V	V	V	v
Conformance coated	v	V	V	-	-
Email & csv	v	V	V	-	-
Enhanced security	v	V	V	-	-
Combo button	v	V	V	-	-
Recipe Import / Export	v	V	V	-	-





EMAIL & CSV

 Send e-mails with datalog files (csv) from a data sampling and when an event is triggered



ENHANCED SECURITY

 Enhanced security mode to manage users and classes easily with dedicated system pages.



RECIPE IMPORT / EXPORT

 Creating and managing recipes is much easier using the «recipe view» object and system registers available in Crouzet Touch software.



COMBO BUTTON

> Execute multiple commands with one button.

CROUZET TOUCH SOFT

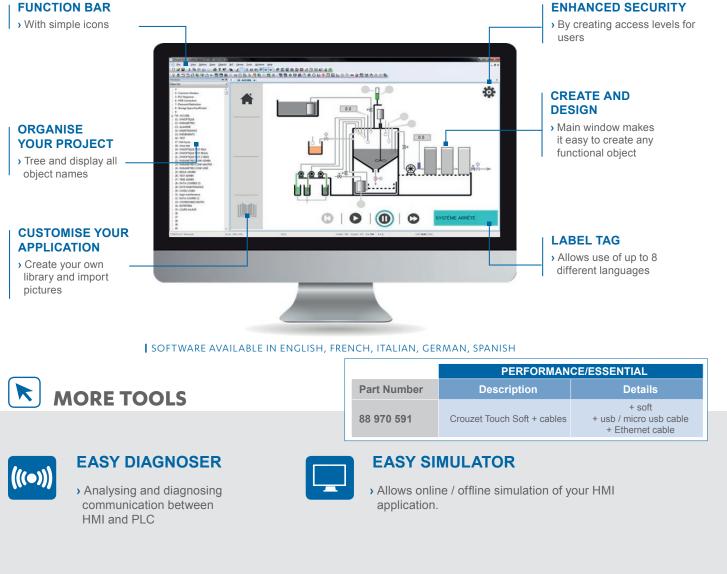
USER FRIENDLY AND EFFECTIVE SOFTWARE

Crouzet Touch Soft is an intuitive user interface and allows complex applications such as data / event logs, recipe database, alarm handling, tag management, macro computing and pass through functions.

During the project development phase, online / offline simulation allows programme debugging.

IMAGINE AND CONCEIVE YOUR PROJECT IN AN EASY WAY

- Manage all your HMI project from Crouzet Touch Utility Manager
- A wide range of tools to help you develop the perfect project
- Dedicated communication drivers for em4 and Millenium
 3 allowng simple addressing and label management
- Import existing MTP HMI programmes into the new Crouzet Touch Soft





PASS THROUGH

 Allows connection of the PLC to the HMI allowing debugging of the system.



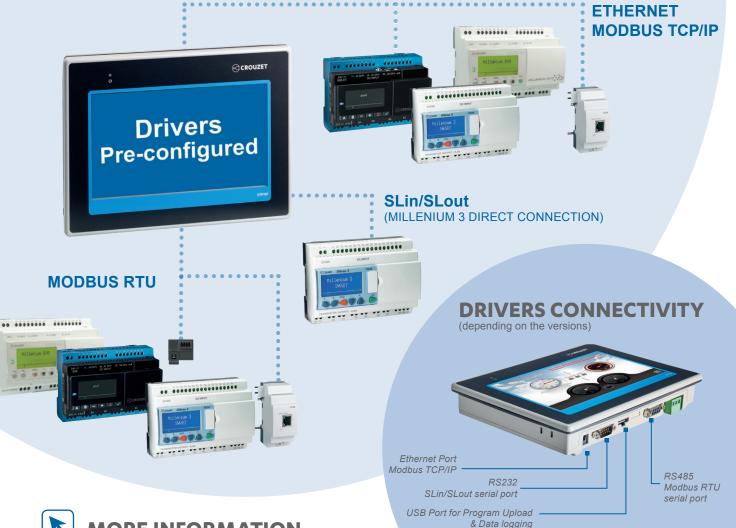
VNC

 Allows network connection to the HMI via VNC client on PC or mobile phone.

CROUZET TOUCH DRIVERS

EASY CONFIGURATION DUE TO PRE-CONFIGURED COMMUNICATION DRIVERS

- > Modbus RTU
- > Modbus TCP/IP (Ethernet)
- > SLin/SLout





NANO-PLC

em

The easiest and most intuitive way to control and remotely manage your applications:

- > Up to 46 inputs/outputs
- > 24 V, 12 bits 4-20 mA inputs
- > Modbus RTU (Slave/Master*)
- > Modbus TCP/IP (Client/Server)
- Communication 3G (SMS/mail/FTP)

LOGIC CONTROLLER

MILLENIUM EVO

The communicating logic controller for all your small-scale automation projects:

- > 24 V=, 12 bits 0-10 V, 4-20 mA inputs
- > Direct connected NTC Probes
- > Modbus RTU (Slave)
- > Modbus TCP/IP (Client/Server)
- > Event and Datalog Managment via mail/FTP server or Locally

Millenium

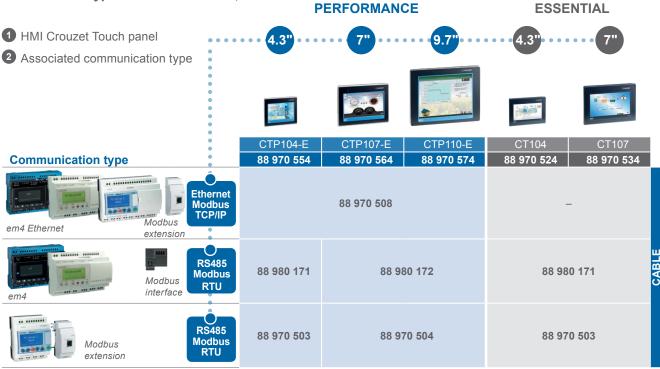
The best logic controller for automating your equipment:

- > Up to 50 inputs/outputs
- > 12 24 V=, 24 230 V∼
- > LADDER, FDB & SFC programming language
- > Modbus RTU/ASCII (Slave)
- > Modbus TCP/IP (Server)

CROUZET TOUCH REFERENCES

HMI COMMUNICATION CABLES

Based on the type of communication, select:



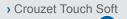
MILLENIUM 3 KITS



COMPLETE KITS FOR AN OFF THE SHELF SOLUTION

> HMI

- > em4/Millenium 3 controller
- > Programming and connection cables





CROUZET TOUCH TECHNICAL DATA









Ref.: 6700122B EN - 06/2018 - Photography - Visuals: Ginko / Crouzet Automation / Freepik / Flaticon

			PERFORMANCE	ESSENTIAL		
		CTP104-E	CTP107-E	CTP110-E	CT104	CT107
		88 970 554	88 970 564	88 970 574	88 970 524	88 970 534
Display	Size	4.3"	7"	9.7"	4.3"	7"
	Resolution	480 x 272	800 x 480	1024 x 768	480 x 272	800 x 480
	Brightness	400 cd/m ²	400 cd/m ²	350 cd/m ²	400 cd/m ²	300 cd/m ²
	Front panel bezel colour	Pantone Process Black C, Blue Pantone 285C	Pantone Process Black C, Blue Pantone 285C	Pantone Process Black C, Blue Pantone 285C	Pantone Process Black C	Pantone Process Black C
	Display colours	16.7 M	16.7 M	262 K	16.7 M	16 M
	LCD viewing angle (Top/Bottom/Left/Right)	30/50/50/50	70/50/70/70	60/70/70/70	50/70/70/70	70/50/70/70
	Processor	32 Bit RISC Cortex-A8, 600 MHz	32 Bit RISC Cortex-A8, 600 MHz	32 Bit RISC Cortex-A8, 1 GHz	32 Bit RISC Cortex-A8, 600 MHz	32 bit RISC Cortex-A8, 600 MHz
Memory	Storage memory	128 MByte	128 MByte	512 MByte	128 MByte	128 MByte
	RAM memory	128 MByte	128 MByte	256 MByte	128 MByte	128 MByte
I/O Port	USB	Host USB 2.0	Host USB 2.0	Host USB 2.0	Client micro USB 2.0	Host USB 2.0, Client micro USB 2.0
	Ethernet	RJ45 type, 10/100 Mbit/s, MDI/MDIX	RJ45 type, 10/100 Mbit/s, MDI/MDIX	2 x RJ45 type,10/100/ 1000 Mbit/s, MDI/MDIX	N/A	N/A
	Port RS232	COM1 male	COM1 male	COM1 male, COM3 male. Only Tx & Rx (no RTS/CTS) may be used for COM1 when COM3 is also used	COM1 male	COM1 male
	Port RS485	COM1 2/4 Wires male, COM3 2 Wires male	COM1 2/4 Wires male, COM3 2 Wires male	COM2 2/4 Wires female, COM3 2 Wires female	COM1 2/4 Wires male, COM3 2 Wires male	COM2 2/4 Wires male
	Weight	Approximately 0.25 kg	Approximately 0.6 kg	Approximately 0.85 kg	Approximately 0.25 kg	Approximately 0.52 kg
Specification	Dimensions (W x H x D)	128 x 102 x 32 mm / 5.04 x 4.02 x 1.26"	200.3 x 146.3 x 34 mm / 7.89 x 5.77 x 1.34"	260.6 x 203.1 x 36.5 mm / 10.26 x 8 x 1.44"	128 x 102 x 32 mm / 5.04 x 4.02 x 1.26"	200.4 x 146.5 x 34 mm / 7.89 x 5.77 x 1.34"
	Vesa Mount	N/A	N/A	75 x 75 mm / 2.95 x 2.95"	N/A	N/A
	Panel cutout	119 x 93 mm / 4.69 x 3.66"	192 x 138 mm / 7.56 x 5.43"	250 x 192 mm / 9.84 x 7.56"	119 x 93 mm / 4.69 x 3.66"	192 x 138 mm / 7.56 x 5.43"
tent	Conformance coated	Yes	Yes		N/A	N/A
	Enclosure	Plastic			Plastic	
Environment	Storage temperature	$-20 \ ^{\circ}\text{C} \Rightarrow +60 \ ^{\circ}\text{C} \ / \ -4^{\circ}\text{F} \Rightarrow +140^{\circ}\text{F}$			$-20~^\circ\text{C} \Rightarrow +60~^\circ\text{C} \ / \ -4^\circ\text{F} \Rightarrow +140^\circ\text{F}$	
Envi	Operating temperature	$0 \degree C \Rightarrow +50 \degree C / +32\degree F \Rightarrow +122\degree F$			$0~^{\circ}\text{C} \Rightarrow +50~^{\circ}\text{C} / +32^{\circ}\text{F} \Rightarrow +122^{\circ}\text{F}$	
	Relative humidity	$10 \Rightarrow 90\%$ max. (no condensation or dripping water)			10 \Rightarrow 90% max. (no condensation or dripping water)	
Certification	UL	cULus Listed	cULus Listed	N/A	N/A	
Certif	Products certification	CE			CE	

Crouzet Touch Soft

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