POSYC 5.0 T401

Industrial HMI and Controller

Description

POSYC 5.0 T401 is an ARM Cortex-A53 based process control unit equipped with a 10.1" graphical color display and multitouch capacitive touch screen. It is designed specially for machine process control with hard real-time feature and for human-machine interface. It has on board an RTC and many interfaces such USB, micro SD and LAN. It is triple FLXIO™ bus master also for FLXMOD™ I/O system and FLXIO™ motor drives. These ports can be used as common RS485 serial ports e.g. for Modbus RTU function. Arm or panel mount options.
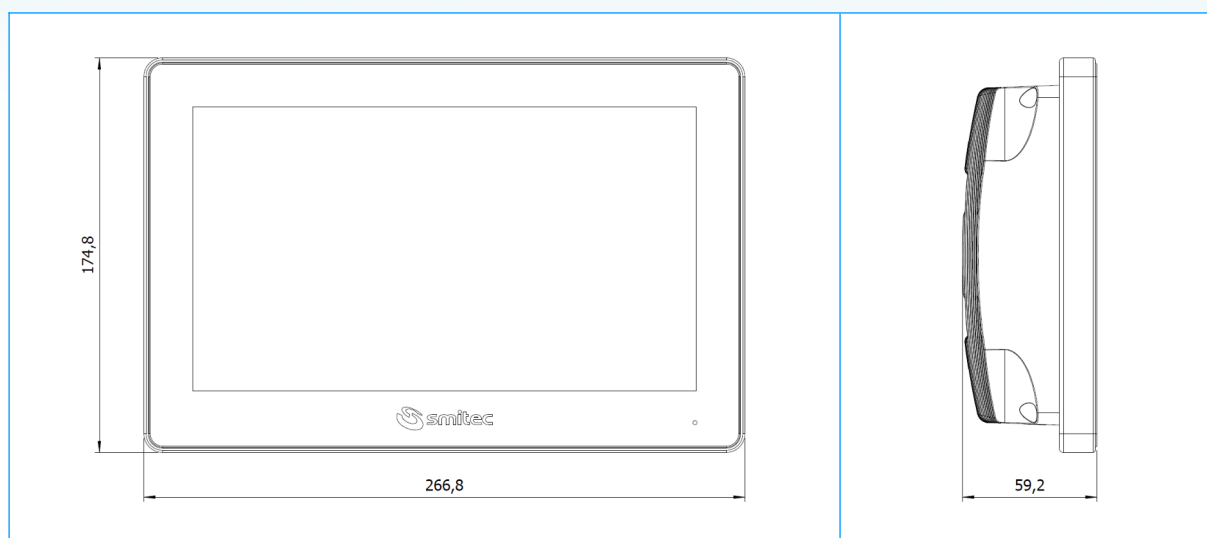
Technical Data

Architecture	ARM
Available OS	Linux
Housing material	Alminum
Degree of protection	IP65 (except rear mounting flange for connections)
Processor	NXP I.MX8 Mini
Memory	4GB RAM, 256KBit NVRAM
Display	10.1" colour LED TFT,1024x600,16.2M colors
Touch screen	Capacitive multitouch – 3mm tempered glass
Number of FLXIO™ / RS 485 ports	3, max. speed 2.5 Mbps
Connections	2 x USB 2.0 1 x 100MBit LAN 1 x uSD
Other peripherals	1 RTC (Real Time Clock)
Electrical specifications	Power Supply: $24V_{DC}$
Environmental specifications	Operating temperature: from+0ºC to+50ºC Storage temperature: from -20ºC to +60ºC Relative humidity: from 0% to 90% (non-condensig)
Certifications	CE, cULus

Dimensions

Data here mentioned are subject to changes without any notice.