HMI Controller

5.7" RISC-based Human Machine Interface

Features

- RISC-based and low-power consumption
- Samsung ARM 2410 processor
- 5.7" QVGA (320x240) TFT LCD
- 32MB system memory and 32MB onboard Flash memory
- Sealed resistive touch screen
- Support panel mount
- Win. CE net 4.2 OS support
- DC 24V power input

Display Specifications

LCD	5.7" QVGA 320x240
Luminance	500 cd/m^2
Viewing angle	130°(R/L)
Backlight	40,000 hrs

Mechanical Specifications

Construction	Plastic molding housing
Front Panel Color	Black
CPU	Samsung ARM 2410
DRAM	32MB memory/ 32MB onboard Flash memory
Power input	DC 24V
Touch Screen	4-wire, analog resistive
I/O ports	COM1 (RS-232), COM2 (RS-422/485), USB Client 1.1 and Host 1.1, 1 x RJ-45 port (10Mbps Base-T)
Dimensions	204(W)x149(H)x46(D)mm
Weight	1.0kgs

Environment Specifications

Operating Temperature	0~50°C
Storage Temperature	-20~70°C
Relative Humidity	10~90% @50°C non-condensing
Vibration	5~17Hz, 0.1" double amplitude displacement, 17~640Hz, 1.5G acceleration peak to peak
Shock	10 to 25Hz (X,Y,Z direction 2G, 30minutes)
Rating	NEMA 4/ IP 65 compliant front bezel
Certificate	Meet CE / FCC Class A
Mounting	Panel mount
OS Support	Windows CE 4.2

Dimensions