

HMI Controller

5.7" RISC-based Human Machine Interface

AHM-6051



Features

- RISC-based and low-power consumption
- Samsung ARM 2410 / 203MHz processor
- 5.7" High brightness (500cd/m²) TFT LCD with resolution of 320x240
- 32MB system memory and 32MB onboard Flash memory
- Sealed resistive touch screen
- Support panel mount, optional VESA 75
- DC 24V power input

Display Specifications

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

Mechanical Specifications

Construction	Plastic molding housing
Front Panel Color	Black
CPU	Samsung ARM 2410, 203MHz
DRAM	32MB memory/ 32MB onboard Flash memory
Power Supply	DC 24V
Touch Screen	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
OS Support	Microsoft Windows CE 4.2
Weight (net)	1.05kgs

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, optional VESA 75

Dimensions

