

### MT6070iH3



# Human Machine Interface with 7" TFT LCD display

#### **♦** Features

- 7" 800x480 TFT LCD
- Fan-less cooling system
- Built-in flash memory and RTC
- NEMA4/IP65 compliant front panel
- LED Back Light
- One USB Host and one USB Client port
- Power Isolator inside
- Com1 RS485 and Com3 RS485 support MPI 187.5K, please select one to use at one time

#### [Introduction]

MT6000 series is the new HMI generation of Weintek. With the design concept of meeting customers' satisfaction while easy-to-Use attribute as before, a MT6000 not only performs as a Human Machine Interface but also plays as a role of data exchange center. MT6000 series is the best choice for your requirement tomorrow.

The MT6070iH3 is equipped with a USB 1.1 host, and a USB 2.0 high speed device.

#### **♦** Specifications

- · Construction: plastic molding housing
- · Display: 7" 800 x 480 65,536 color TFT LCD
- · CPU and core logic: 32Bit RISC 400MHz processor
- · DRAM: 64 MB DDR2 on board
- · Storage: 128 MB flash memory on board,
- · I/O: serial port: Com1: RS-232/RS-485 2w/4w,

Com2: RS-232

Com3: RS-232/RS-485

1 USB 1.1 host

1 USB 2.0 high speed device

- · RTC: Built-in
- · Power input: 24±20%V<sub>DC</sub>,250mA@24VDC
- · Dimension (W x H x D): 200 x 146 x 42.5mm
- · Weight: 0.85kg
- · Software: EB8000 V2.0.0 or later

### ◆LCD Display

Display type	TFT LCD
Display size (diagonal)	7"
Max colors	65536
Resolution	800 x 480
Pixel pitch (HxV, mm)	0.1926 x 0.179
Viewing angle (°)	50/70/70/70(T/B/R/L)
Luminance (cd/m²)	350
Backlight	LED
Backlight Life time	30,000 hrs.
Contrast ratio	500:1

#### **♦** Touchscreen

- · Type: 4-wire, analog resistive
- $\hbox{\bf \cdot Accuracy:} \ Active \ Area \ Length(X) \pm 2\%, \ Width(Y) \pm 2\%$
- · Light transmission: above 80%
- · Life: 1 million activation minimum

#### ◆ Environmental Specifications

- · Operating temperature: 0° ~ 50°C (32° ~ 122°F)
- · Storage temperature: -20° ~ 60°C (-4° ~ 140°F)
- · Relative humidity: 10% ~ 90% @ 40°C, non-condensing
- · Shock (operation): 10 to 25Hz(X,Y,Z direction 2G 30minutes)
- · CE/FCC : Complies with

EN 55022:2006, Class A

EN 61000-3-2:2006

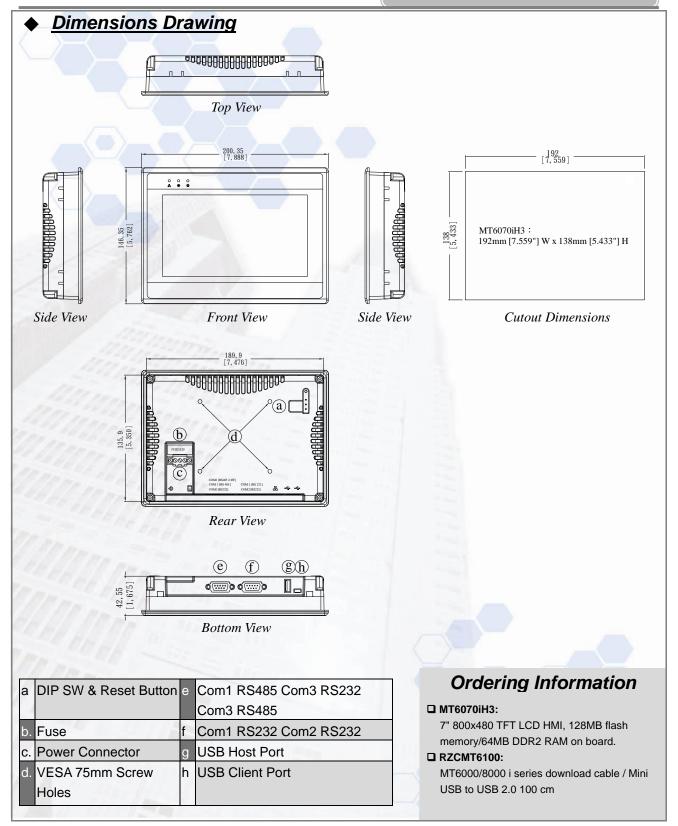
EN 61000-3-3:1995+A1:2001+A2:2005

EN 55024:1998+A1:2001+A2:2003

· Front panel meets NEMA4 / IP65



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