MT6070iH

◆◆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 supports MPI 187.5K

【*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 MT6070iH is equipped with a USB 1.1 host, and a USB 2.0 high speed device.

◆◆*Specifications*

Construction: plastic molding housing
Display: 7" 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: 3 serial ports:Com1: RS-232/RS-485 2w/4w,
　　　　　　　　　　Com2: RS-232,
　　　　　　　　　　Com3: RS-232/RS-485 2w
　　　　　　　1 USB 1.1 host
　　　　　　　1 USB 2.0 high speed device
RTC: Built-in
Power input: 24±20%V_{DC},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)	0.1905 x 0.0635
Viewing angle (°)	70/50/70/70(T/B/R/L)
Luminance (cd/m^2)	500
Backlight	LED
Backlight Life time	30,000 hrs.
Contrast ratio	500:1

◆◆*Touchscreen*

Type: 4-wire, analog resistive
Resolution: continuous
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
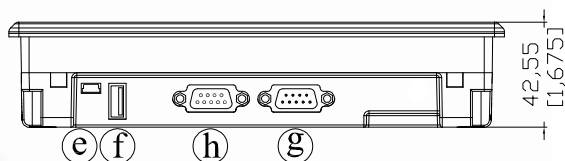　　　　　　　　EN 61000-3-2:2006
　　　　　　　　EN 61000-3-3:1995+A1:2001+A2:2005
　　　　　　　　EN 55024:1998+A1:2001+A2:2003
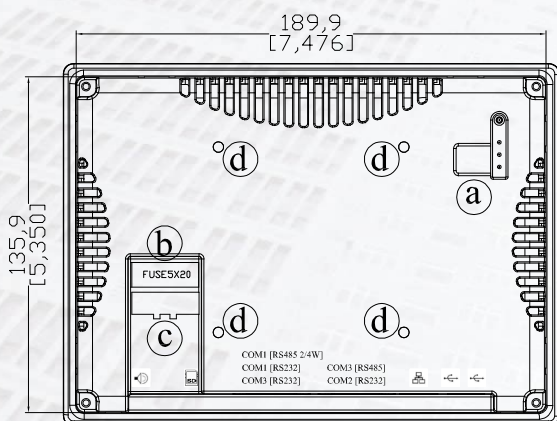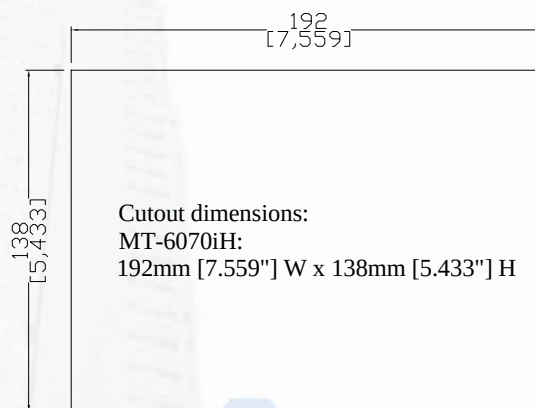**Front panel meets NEMA4 / IP65**

◆ *Dimensions Drawing*

200,35
[7,888]

146,35
[5,762]

Front View

42,55
[1,675]

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Bottom View

189,9
[7,476]

135,9
[5,350]

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ⓐ

ⓑ

FUSE 5X20

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ⓓ ⓓ

COM1 [RS485 2/4W]
COM1 [RS232]   COM3 [RS485]
COM3 [RS232]   COM2 [RS232]

Rear View

192
[7,559]

138
[5,433]

Cutout dimensions:
MT-6070iH:
192mm [7.559"] W x 138mm [5.433"] H

a	DIP SW & Reset button	e	USB Client port
b.	Fuse	f	USB Host port
c.	Power connector	h	Com1 RS232, Com2 RS232
d.	VESA 75mm screw holes	g	Com1 RS485, Com3 RS485, Com3 RS232

Ordering Information

MT6070iH:
7" 800x480 TFT LCD HMI, 128MB flash memory/64MB DDR2 RAM on board.
RZCMT6100:
MT6000/8000 i series download cable / Mini USB to USB 2.0 100 cm