MT6100i

◆◆ Features

- 10" 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
- SD card slot
- 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 MT6100i is equipped with a USB 1.1 host, a USB 2.0 high speed device and SD card slot.

◆◆ Specifications

Construction: plastic molding housing
Display: 10" 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,
(User project size: 16MB, Data and Event log size: 48MB)
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},300mA@24VDC
Dimension (W x H x D): 271 x 212 x 50mm
Weight: 1.4kg
Software: EB8000 V2.0.0 or later

◆◆ LCD Display

Display type	TFT LCD
Display size (diagonal)	10"
Max colors	65536
Resolution	800 x 480
Viewing angle (°)	45/65/65/65(T/B/R/L)
Luminance (cd/m^2)	300
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
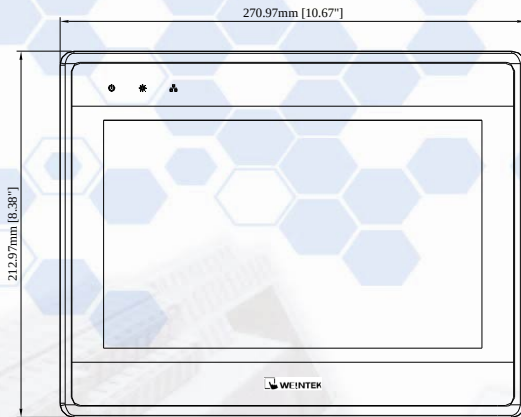   EN 61000-3-2:2006
                 EN 61000-3-3:1995+A1:2001+A2:2005
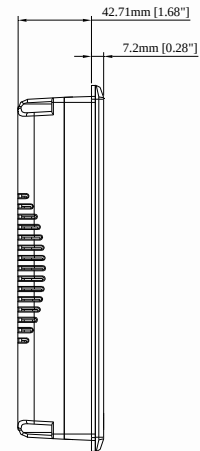   EN 55024:1998+A1:2001+A2:2003
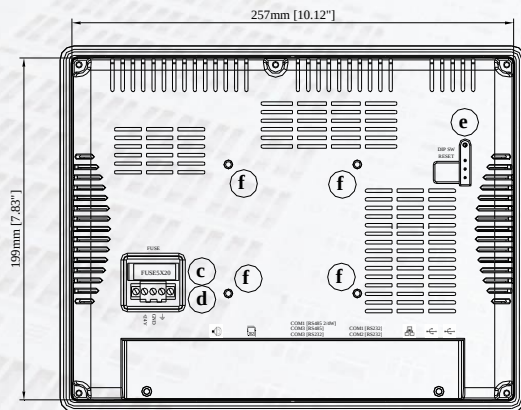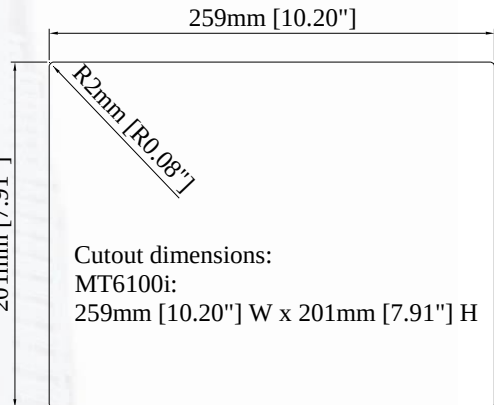**Front panel meets NEMA4 / IP65**

◆ *Dimensions Drawing*

42.71mm [1.68"]

7.2mm [0.28"]

270.97mm [10.67"]

212.97mm [8.38"]

WE!NTEK

Front View

Side View

257mm [10.12"]

199mm [7.83"]

DIP SW
RESET

FUSE

FUSE5X20

c

d

f f

e

f f

COM1 [RS485 2-W]
COM3 [RS485]
COM2 [RS232]

COM1 [RS232]
COM3 [RS232]

Rear View

259mm [10.20"]

201mm [7.91"]

R2mm [R0.08"]

Cutout dimensions:
MT6100i:
259mm [10.20"] W x 201mm [7.91"] H

49.78mm [1.96"]

h k i b g
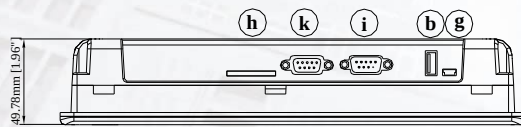
Bottom View

a	N/A	g	USB Client port
b.	USB Host port	h	SD card slot
c.	Fuse	i	Com1 RS232, Com2 RS232
d.	Power connector	j	N/A
e	DIP SW & Reset button	k	Com1 RS485, Com3 RS485, Com3 RS232
f	VESA 75mm screw holes		

Ordering Information

MT6100i:
10" 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