Sh

- ☐ Communication PS
- ☐ Server Power Supply
- ☐ Electric Power Supply
- ☐ Medical Power Supply
- ☐ Industrial Microwave Power Supply
- ☐ Display Power Supply
- ☐ Photovoltaic (PV)
- ☐ Energy Storage System
- ☐ Charging Pile component
- ☐ Guide Rail Power Supply
- ☐ OA Power Supply
- ☐ Flat Panel Power Supply

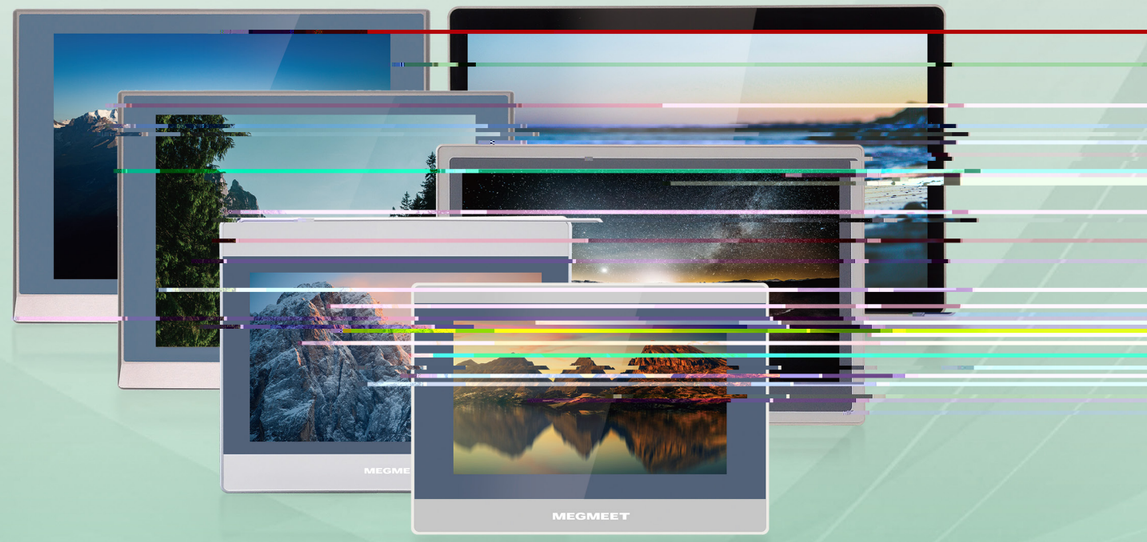
- ☐ Inverter
- ☐ Servo System
- ■ Control System
- ☐ Sensor
- ☐ Internal Gear Pump
- ☐ Industrial IOT
- ☐ Elevator Integrated Controller
- ☐ Engineering Vehicle Controller

- ☐ Rail Transit Inverter
- ☐ Motor Controller
- ☐ PFC
- ☐ Electric Compressor
- ☐ Heating Managment System
- ☐ Rail Transit Air Conditioning Controller
- ☐ In-vehicle Integrated Charging System
- ☐ All-in-one High Voltage Integrated Driver

- ☐ Intelligent Digital Welding Machine
- ☐ Industrial Microwave Equipment
- ☐ Intelligent Submersible Screw Pump Oil Recovery System

- ☐ Intelligent Sanitary Ware
- ☐ Space Heating
- ☐ Microwave Oven
- ☐ Electromagnetic Heating
- ☐ Cold Chain
- ☐ Heating Ventilation Air Conditioner (HVAC)
- ☐ Washing (Drying) Machine

- ☐ Flexible Flat Cable(FFC)
- ☐ FPC
- ☐ Coaxial Line
- ☐ Varnished Wire



2800+ 7800+ 8

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Picture			
Model/Series	MZ800-TT05SK30/31	MZ800-TT107SK30	MZ800-TT207SK30/31
Display size	4.3'' (16: 9 TFT LCD screen)	7'' (16: 9 TFT LCD screen)	7'' (16: 9 TFT LCD screen)
Resolution	480x272	800x480	1024x600
Display material		TFT color touch(LCD screen)	
Effective display size (T/B/L/R)	50'/70'/70'/70'	50'/70'/70'/70'	30: 50'/70'/70'/70' 31: 85'/85'/85'/85
Brightness	30: 360/31:300	250	30:360/31:450
Display color	24-bit color	16-bit color	24-bit color
Touch screen		4-wire industrial resistance touch screen	
CPU	600MHz ARM Cortex-A8	720MHz ARM	4-core 1.2GHz ARMCortex-A7
Memorizer	128MB Flash+128MB DDR3	64MB RAM+128MB Flash	128MB DDR3+4GB EMMC
RTC	Built-in real-time clock		
Ethernet	30: None 31: 10M/100M(Adaptive)	None	30: None 31: 1-CH 10M/100M(Adaptive)
SD card	None		30: None 31: Supported
USB port	One USB Slave 2.0; One USB Host 2.0		
Serial interface	COM1:RS232/RS485/RS422 COM3:RS232		
Rated power	<5W		<10W
Rated voltage	DC24V ranging from DC 9V to 28V		
Power supply protection	Lightning surge protection		
Power-lossing time	<5ms		
CE	Conform to EN61000-6-2:2005 EN61000-6-4:2007 standard; Conform to RoHS lightning surge±1KV group pulse±2KV; electrostatic contact 4KV air discharge 8KV		
Operation temperature	30:-20~50C/31:-25~75		0~50
Storage temperature	30:-25~60°C/31:-30~80		-20~60
Ambient humidity	10~90%RH (No condensation)		
Shake-resistance	10~25Hz(X Y Z direction 2G/30 min)		
Protection grade	The front panel conforms to IP65 (with hansf o do idrny		

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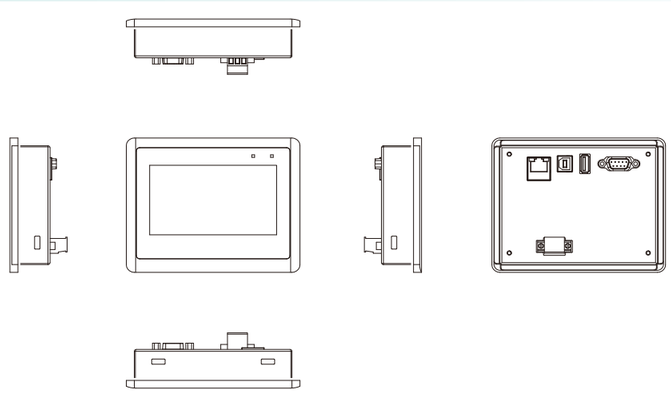
Dimensions of MZ800 Series HMI

MZ800-TT05SK30

MZ800-TT05SK31



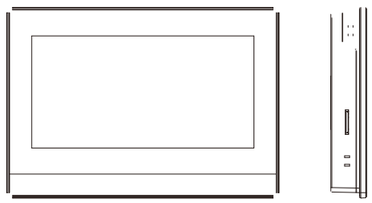
MZ800-TT107SK30

MZ800-TT207SK30/31

MZ800-TT207SK30/31W

MZ800-TT210SK30/31

MZ800-TT210SK30W



MZ800-TT215SK31

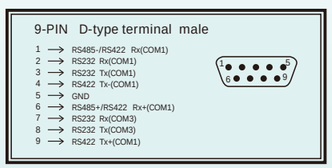
MZ800-TT210SK31M

MZ800-TT22P

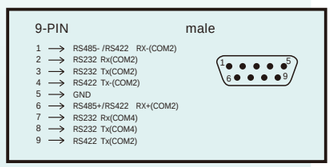
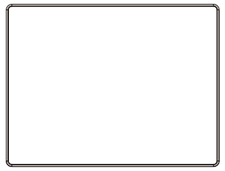
MZ800-TT07SK31M

PIN of MZ800 serial port

MZ800-TT05/207/210SK30
MZ800-TT05/207/210SK31
MZ800-TT10/12/15P
COM1&COM3



MZ800-TT10/12/15P
COM2&COM4



MZ600-TT210SK/SA