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

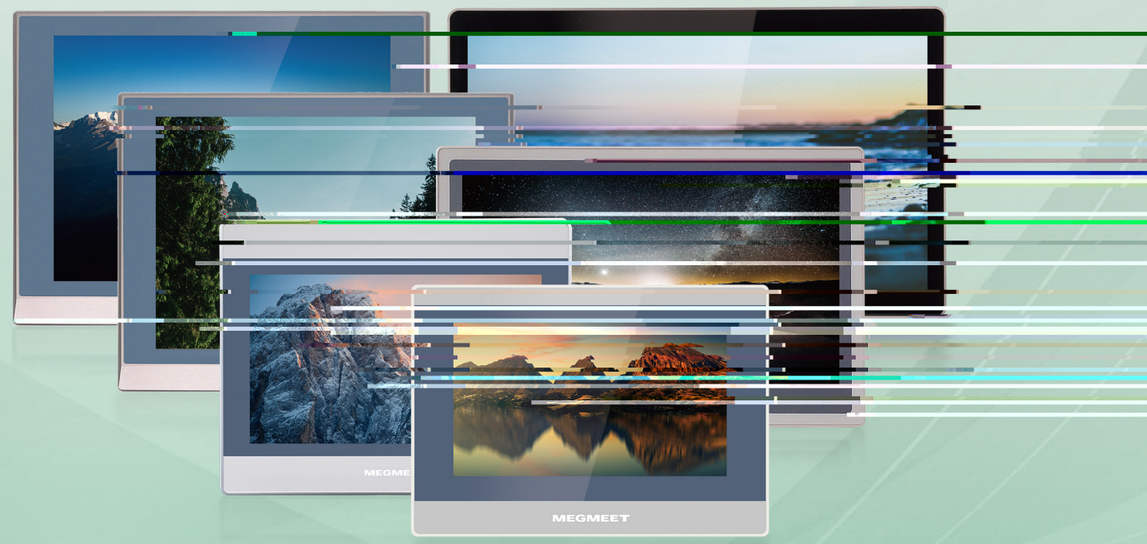
☐ Rail Transit Inverter ☐ Motor Controller ☐ PFC ☐ Electric Compressor ☐ Heating Managment System
☐ Rail Transit Air Conditioning Controller ☐ In-vehicle Integrated Charging System ☐ All-in-one High Voltage Integrated Driver

☐ 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

V.23.06



2800+ 7800+ 8

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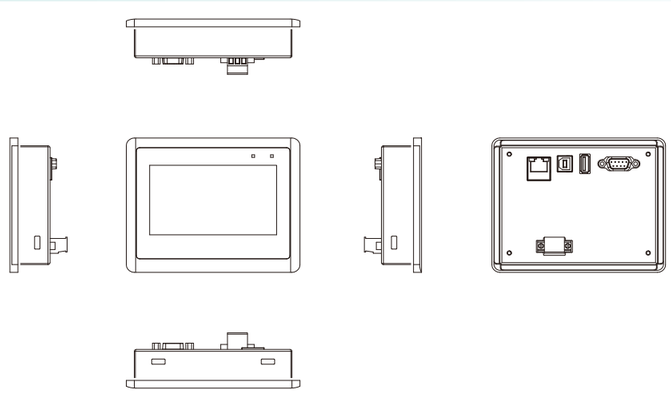
Picture			
Model/Series	MZ800-TT05SK30/31	MZ800-TT107SK30	MZ800-TT207SK30/31
Display size	4.3'' (16: 9 TFT LCD screen)	7'' (16: 9 TFT LCD screen)	7'' (16: 9 TFT LCD screen)
Resolution	480x272	800x480	1024x600
Display material		TFT color touch(LCD screen)	
Effective display size (T/B/L/R)	50'/70'/70'/70'	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 [illegible] 31.645 0 Td(1)Tj0.4i0.648 0 Td(e)T		

Dimensions of MZ800 Series HMI

MZ800-TT05SK30

MZ800-TT05SK31



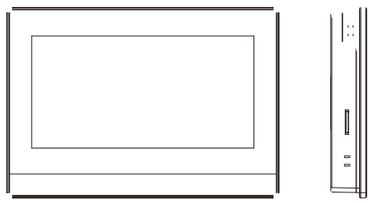
MZ800-TT107SK30

MZ800-TT207SK30/31

MZ800-TT207SK30/31W

MZ800-TT210SK30/31

MZ800-TT210SK30W



MZ800-TT210SK31M

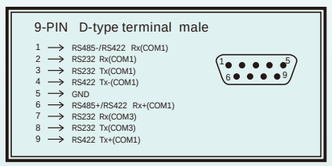
MZ800-TT215SK31

MZ800-TT22P

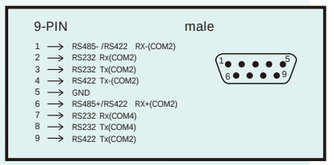
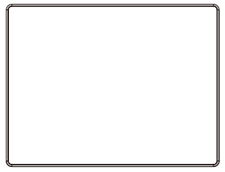
MZ800-TT07SK31M

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