



HTEVISUAL

Newest design, exquisite appearance, more powerful function and more stable performance



Performance

ARM A83352, Higher performance, **50%** improved compared to last generation products

Easy-to-use

New configuration software-HCT Designer, make the operation easier



TP2507

TP2000

Meet your needs in more applications

All-new, more elegant product appearance, more stable performance, more functions to meet customers' requirements in different applications.

Ethernet

communication port, USB and SD card supported

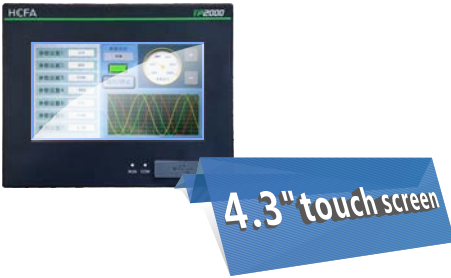


TP2504

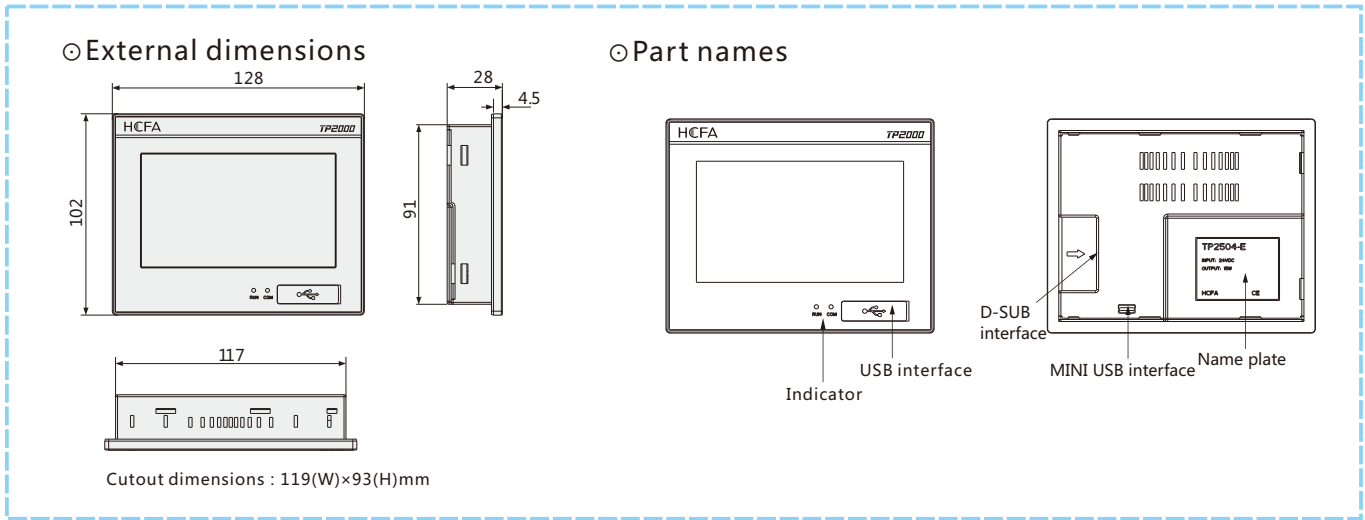
Size Full range of sizes, exquisite appearance and easy to install



TP2510



Parameter	TL2504	TP2504	TP2504-E
Color display	16-bit	24-bit	24-bit
Ethernet	None	None	Provided
SD CARD	None	None	None
USB HOST	Provided	Provided	Provided
USB DEVICE	Provided	Provided	Provided
COM1/COM3	Provided	Provided	Provided
COM2/COM4	None	None	None
Isolated power supply	Non-isolated power Surge protection	Non-isolated power Surge protection	Non-isolated power Surge protection



Basic parameters

Electrical specification	
Power Consumption	<5W
Rated voltage	24VDC, Input Range: 20. 4V~26. 4VDC
Power protection	Non-isolated power supply, Protect from surging and thunder strike
Allowable momentary power-off	<5mS
CE	Complied with EN61000-6-2:2005, EN61000-6-4:2007
RoHS	Surge Immunity ±4KV, EFT: ±4KV, ESD: 4KV, Air: 8KV
Environment Specification	
Operation Temperature	0~50°C
Storage Temperature	-20~60°C
Operation Humidity	10~90% RH (Without condensation)
Vibration Resistance	10~25 Hz(2G/30min in X,Y,Z direction)
Cooling	Natural air cooling
Others	
Enclosure Rating	Front IP65(With NEMA Panel), Back IP20
Housing Material	PBT+PC
Cutout Dimension	119×93 (mm)
Dimension	128×102×28 (mm)
Weight	About 260g

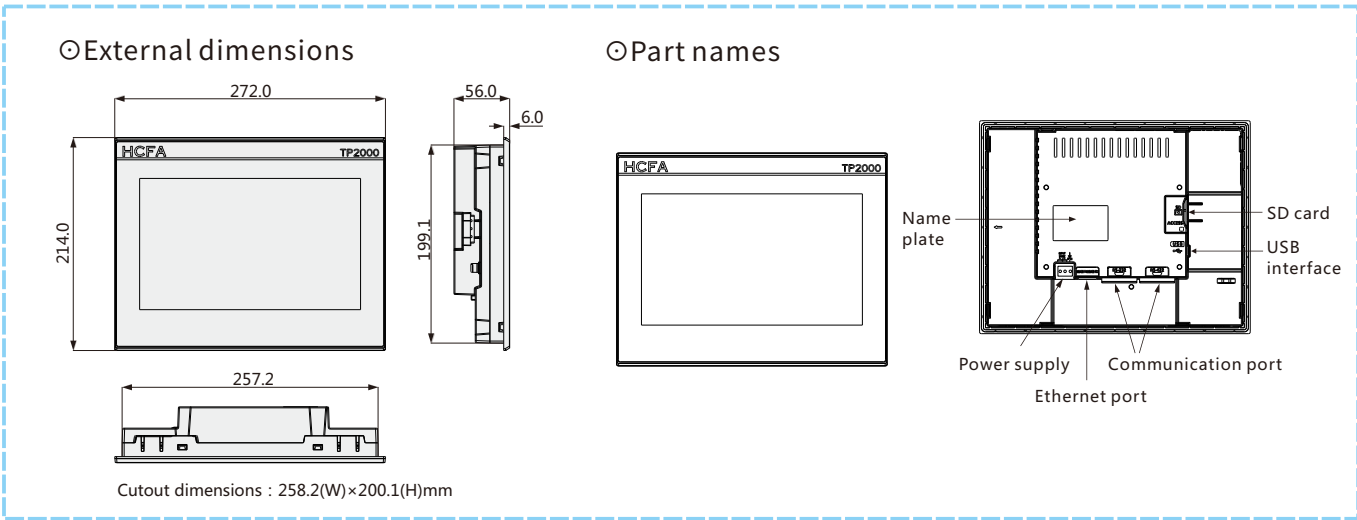
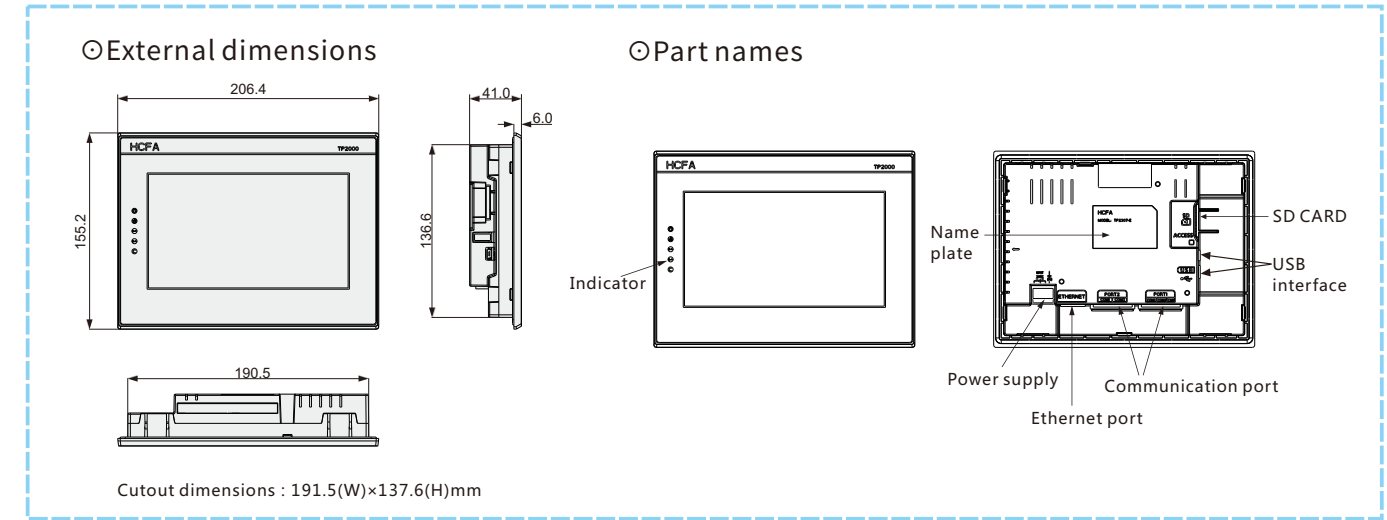
Hardware specification	
Display	4.3" TFT LCD
Resolution	480×272
Color	24 bit
Brightness	300 cd/m²
Backlight	LED
LCD lifetime	50,000 hours
Touch Panel	4 wire resistive touch panel(Surface hardness 4H)
CPU	600MHz ARM Cortex A8
Memory	128M Flash + 128M DDR3
RTC	Built in real-time clock
Ethernet	10M / 100M Ethernet port
USB Port	1 USB Device 2.0 port 1 USB Host 2.0 port
Program Download	USB Host/ USB Slave/ SD card/ Ethernet are provided.
COM port	COM1: RS232/RS485/RS422 COM3: RS232
Accessories	
TP16-PLC-R4-8P-3M-Elbow	Communication line between TP2504 and HCFA PLC, RS422, Round 8PIN, 3M



Parameter	TL2507	TP2507	TP2507-E
Color display	24-bit	24-bit	24-bit
Ethernet	None	None	Provided
SD CARD	None	Provided	Provided
USB HOST	Provided	Provided	Provided
USB DEVICE	Provided	Provided	Provided
COM1/COM3	Provided	Provided	Provided
COM2/COM4	None	Provided	Provided
Isolated power supply	Non-isolated power Surge protection	Isolated power Surge protection	Isolated power Surge protection



Parameters	TL2510	TP2510	TP2510-E
Color display	24-bit	24-bit	24-bit
Ethernet	None	None	Provided
SD CARD	None	Provided	Provided
USB HOST	Provided	Provided	Provided
USB DEVICE	Provided	Provided	Provided
COM1/COM3	Provided	Provided	Provided
COM2/COM4	None	Provided	Provided
Isolated power supply	Non-isolated power Surge protection	Isolated power Surge protection	Isolated power Surge protection



Basic parameters

Electrical specification	
Power Consumption	<7W
Rated voltage	24VDC, Input Range: 18V~28VDC
Power protection	Isolated power supply block, Protect from surging and thunder strike
Allowable momentary power-off	<5mS
CE	Complied with EN61000-6-2:2005, EN61000-6-4:2007
RoHS	Surge Immunity ±4KV, EFT: ±4KV, ESD: 4KV, Air: 8KV
Environment Specification	
Operation Temperature	0~50°C
Storage Temperature	-20~60°C
Operation Humidity	10~90% RH (Without condensation)
Vibration Resistance	10~25 Hz(2G/30min in X,Y,Z direction)
Cooling	Natural air cooling
Others	
Enclosure Rating	Front IP65(With NEMA Panel), Back IP20
Housing Material	PBT+PC
Cutout Dimension	191.5×137.6 (mm)
Dimension	206.4×155.2×41.0 (mm)
Weight	About 900g

Hardware specification	
Display	7" TFT LCD
Resolution	800×480
Color	24 bit
Brightness	300 cd/m²
Backlight	LED
LCD lifetime	50,000 hours
Touch Panel	4 wire resistive touch panel(Surface hardness 4H)
CPU	600MHz ARM Cortex A8
Memory	128M Flash + 128M DDR3
RTC	Built in real-time clock
Ethernet	10M / 100M Ethernet port
USB Port	1 USB Device 2.0 port 1 USB Host 2.0 port
Program Download	USB Host/ USB Slave/ SD card/ Ethernet are provided.
COM port	COM1/COM2: RS232/RS485/RS422; COM3/COM4: RS232
Accessories	
TP16-PLC-R4-8P-5M	Communication line between TP2000 series HMI and HCFA PLC, RS422, Round 8PIN, 5M
TP16-PLC-R2-9S-5M	Communication line between TP2000 series HMI and 232, RS232, 9PIN serial port(female), 5M

Basic parameters

Electrical specification	
Power Consumption	<10W
Rated voltage	24VDC, Input Range: 18V~28VDC
Power protection	Isolated power supply block, Protect from surging and thunder strike
Allowable momentary power-off	<5mS
CE	Complied with EN61000-6-2:2005, EN61000-6-4:2007
RoHS	Surge Immunity ±4KV, EFT: ±4KV, ESD: 4KV, Air: 8KV
Environmental Specification	
Operation Temperature	0~50°C
Storage Temperature	-20~60°C
Operation Humidity	10~90% RH (Without condensation)
Vibration Resistance	10~25 Hz(2G/30min in X,Y,Z direction)
Cooling	Natural air cooling
Others	
Enclosure Rating	Front IP65(With NEMA Panel), Back IP20
Housing Material	PBT+PC
Cutout Dimension	258.2×200.1 (mm)
Dimension	272×214×56 (mm)
Weight	About 1300g

Hardware specification	
Display	10.1' TFT LCD
Resolution	800×480
Color	24 bit
Brightness	300 cd/m²
Backlight	LED
LCD lifetime	50,000 hours
Touch Panel	4 wire resistive touch panel(Surface hardness 4H)
CPU	600MHz ARM Cortex A8
Memory	128M Flash + 128M DDR3
RTC	Built in real-time clock
Ethernet	10M / 100M Ethernet port
USB Port	1 USB Device 2.0 port 1 USB Host 2.0 port
Program Download	USB Host/ USB Slave/ SD card/ Ethernet are provided.
COM port	COM1/COM2: RS232/ RS485/ RS422 COM3/COM4: RS232
Accessories	
TP16-PLC-R4-8P-5M	Communication line between TP2000 series HMI and HCFA PLC, RS422, Round 8PIN, 5M
TP16-PLC-R2-9S-5M	Communication line between TP2000 series HMI and 232, RS232, 9PIN serial port(female), 5M