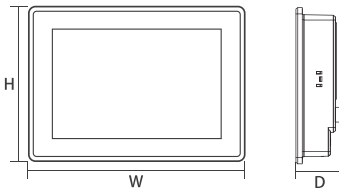


PT2 Series

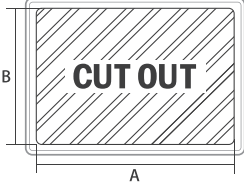


Model name		PT2043-41ST	PT2070-51ST	PT2080-51ST
Display (LCD)	Size	4.3"	7.0"	8.0"
	Max. resolution	480*272	800*480	800*600
	Type	TFT LCD with LED backlight		
	Max. color	16-bit		
	Backlight life (hr)	20,000		
	Luminance (cd/m2)	400	400	250
Touch panel		4-wire analog touch panel		
CPU		RISC ARM9 32Bit		
Battery backup SRAM		128KB (Optional:1024KB)		
Working memory		64MB		
Application memory		Approximately 40MB		
Data file memory		64MB		
Real-Time Clock (RTC)		YES (Unchargeable battery type, 5 years battery life)		
Max. programming pages		7999 pages		
Max. marco commands		Unlimited		
Communication interface	Micro SD slot	N/A		
	USB host	USB 2.0		
	USB client	USB 2.0		
	COM1	RS232 (5-Pin Terminal)	RS232 (DB9)	
	COM2	RS485 (5-Pin Terminal)	RS422/485 (DB9)	
	COM3	RS485 (5-Pin Terminal)	RS485 (DB9)	
	COM4	RS485 (5-Pin Terminal)	RS485 (5-Pin Terminal)	
	COM5	N/A	RS485 (5-Pin Terminal)	
Ethernet		YES		
Front function keys		N/A	N/A (Optional)	N/A
Audio out		N/A		
Video in		N/A		
Front USB host port		N/A	N/A (Optional)	N/A
Power	Input voltage	24VDC±10%		
	Consumption	10W	20W	
Environment	Temperature ^{#1}	Operating temperature : -10°C~60°C / Storage temperature: -20°C~70°C		
	Relative humidity	10%~90%		
	Shock (Operation)	Half sine, 20G, 11ms duration		
	Vibration (Operation)	Random vibration 1 Grms (5 ~ 500 Hz)		
	FCC	FCC Part 15 Class A		
	CE	EN61000-6-2, EN61000-6-4		
	UL	UL61010		
	Ingress protection	NEMA Type 4X / IP66		
Cooling		Natural Cooling		
Dimension WxHxD (mm)		129 x 103 x 33	203.8 x 148.8 x 37.1	231.6 x 176.3 x 43.4
Cutout dimension AxB (mm)		118.5 x 92.5	191.5 x 138	221 x 163.5
Net weight (Kg)		0.23	0.55	1

>> Outlet dimension



>> Cutout dimension



>> Naming rule

PT2 070 – 5 1 S T – L 1 Q 1 C00

Model name PK2

Serial port
4 4 (For 4.3")
5 5

Ethernet port
1 1

Operation
S Standard mode
K Front keys+USB (7"/10.1")
U Front USB (7"/10.1")
F Front keys (7"/10.1")
R COM5-RS232 (for 7" models and above)

LCD size
043 4.3"
070 7.0"
080 8.0"
100 10.1"
104 10.4"
120 12.1"(800x600)
121 12.1"(1024x768)
150 15.0"

Material & Case color
F Platic / Silver-black
L Platic / Silver-black (Wide)
V Front aluminum case / Ivory white
U Front aluminum case / Silver-black

Mode
T Standard rear case
L Wide temperature
H High luminance

Touch & PCB coating
1 Built-in 5V touch IC with PCB normal coating
2 Built-in 12V touch IC with PCB coating
3 Enhanced PCB Coating
C COM5 TTL(For RM Module)

OEM code
BKRAM & Memory
1 128KB
4 1024KB

Locks
Q Metal (IP66)
N Platic (IP54)



Model name		PT2100-51ST	PT2104-51ST	PT2121-51ST	PT2150-51ST
Display (LCD)	Size	10.1"	10.4"	12.1"	15.0"
	Max. resolution	1024*600	800*600	1024*768	1024*768
	Type	TFT LCD with LED backlight			
	Max. color	16-bit			
	Backlight life (hr)	20,000		50,000	
	Luminance (cd/m2)	350	400	500	350
Touch panel		4-wire analog touch panel			
CPU		RISC ARM9 32Bit			
Battery backup SRAM		128KB (Optional:1024KB)			
Working memory		64MB			
Application memory		Approximately 40MB			
Data file memory		64MB			
Real-Time Clock (RTC)		YES (Unchargeable battery type, 5 years battery life)			
Max. programming pages		7999 pages			
Max. marco commands		Unlimited			
Communication interface	Micro SD slot	N/A			
	USB host	USB 2.0			
	USB client	USB 2.0			
	COM1	RS232 (DB9)			
	COM2	RS422/485 (DB9)			
	COM3	RS485 (DB9)			
	COM4	RS485 (5-Pin Terminal)			
	COM5	RS485 (5-Pin Terminal)			
Ethernet		YES			
Front function keys		N/A (Optional)	N/A	N/A	N/A
Audio out		N/A			
Video in		N/A			
Front USB host port		N/A (Optional)	N/A	N/A	N/A
Power	Input voltage	24VDC±10%			
	Consumption	20W			
Environment	Temperature*1	Operating temperature : -10°C~60°C / Storage temperature: -20°C~70°C			
	Relative humidity	10%~90%			
	Shock (Operation)	Half sine, 20G, 11ms duration			
	Vibration (Operation)	Random vibration 1 Grms (5 ~ 500 Hz)			
	FCC	FCC Part 15 Class A			
	CE	EN61000-6-2, EN61000-6-4			
	UL	UL61010			
	Ingress protection	NEMA Type 4X / IP66			
Cooling		Natural Cooling			
Dimension WxHxD (mm)		270.1 x 212.1 x 43.48	270.1 x 212.1 x 43.48	335.4 x 245.8 x 66.4	399.1 x 297.6 x 63.4
Cutout dimension AxB (mm)		259 x 201	259 x 201	302 x 228	384.5 x 283
Net weight (Kg)		1.1	1.1	2	3

*Remark 1: Optional for front aluminum case + BR2450A battery: -20°C~70°C (PT2043 only for BR2450A battery)

>> Accessories



HMB-CER-018
Converter
(For 7" models and above)
(RS232 / RS422 / RS485)



FCB-XD0-A001
5Pin Terminal to DB9 Female Cable
(For 4.3" models)



FCB-XD0-023
USB download cable for HMI

