

# SPECIFICATION



Model Name		PT2043	PT2070	PT2080	PT2100	PT2120	PT2121	PT2150	
Sub-models		41ST	51ST	51ST	51ST	51ST	51ST	51ST	
Display	Size	4.3" diagonal	7.0" diagonal	8.0" diagonal	10.1" diagonal	12.1" diagonal	12.1" diagonal	15.0" diagonal	
	Max. Resolution	480*272	800*480	800*600	1024*600	800*600	1024*768	1024*768	
	Type	TFT LCD with LED Backlight							
	Max. Colors	16-bit							
	Backlight Half-life (hr)	20,000							
Luminance (cd/m2)	350	350	250	250	450	500	350		
Touch Panel	4-wire Analog Touch Panel								
CPU	RISC ARM9 32Bit								
Battery Backed RAM	128KB (optional: 1MB)								
Working Memory	64MB								
AP Max Size for Memory	64MB								
Data File Memory	64MB								
Real-Time Clock (RTC)	YES (Unchargeable Battery type, 5 years battery life)								
Max Quantity for SCADA	7999 pages								
Max Quantity for Macro Commands	Unlimited								
Communication Interface	Micro SD Slot	N/A							
	USB Host	YES (2.0)							
	USB Client	YES (2.0)							
	Serial (Com1)	RS232 (5-Pin Terminal)						RS232 (DB9)	
	Serial (Com2)	RS485 (5-Pin Terminal)						RS422/485 (DB9)	
	Serial (Com3)	RS485 (5-Pin Terminal)						RS485 (DB9) / Optional:RS232(DB9)	
	Serial (Com4)	RS485 (5-Pin Terminal)						RS485 (5-Pin Terminal)	
	Serial (Com5)	N/A						RS485 (5-Pin Terminal)	
Ethernet	YES								
Front Function Keys	N/A	F1~F6 (Optional)	N/A	F1~F7 (Optional)	N/A	N/A	N/A		
Audio out (optional)	N/A								
Video in (optional)	N/A								
Front USB Host Port	N/A	N/A (Optional)	N/A	N/A (Optional)	N/A	N/A	N/A		
Power	Supply Voltage	24VDC±10%							
	Consumption	10W	20W	20W	20W	20W	20W	20W	
Environment	Operating Temperature	-10°C~60°C (Optional for Membrane without View Area: -20°C~70°C / Optional for Front Aluminum Bezel: -30°C~70°C )							
	Relative Humidity	10%~90%							
	Shock (operation)	10 ~ 55Hz(X,Y,Z direction, 1G, 30 minutes shock test)							
	EMI	FCC Part 15 Class A							
	CE	EN61000-6-2, EN61000-6-4							
	UL Certification	YES(UL61010)							
	Ingress Protection	NEMA 4 / IP66							
Cooling	Natural Cooling								
Dimension WxHxD (mm)*	129 x 103 x 33	203.5 x 148.5 x 37	233 x 176 x 42.2	270.8 x 212.8 x 42.5	335.4 x 245.8 x 58.2	335.4 x 245.8 x 58.2	399.1 x 297.6 x 57.5		
Cutout Dimension WxH (mm)	118.5 x 92.5	191.5 x 138	221 x 163.5	259 x 201	302 x 228	302 x 228	384.5 x 283		
Net Weight (Kg)#	0.23	0.55	1	1.1	2	2	3		

\*PT2043: Depth includes COM Port & Terminal Block Height

\*Others: Depth includes COM Port & Terminal Block Height

\*Without front bezel thickness

# Approximate weight