

# SPECIFICATION

**Cermate**



CE FC



Model Name		PK2070
Sub-models		31ST
Display	Size	7" diagonal
	Max. Resolution	800*480
	Type	TFT LCD with LED Backlight
	Max. Colors	16-bit
	Backlight Life (hr)	20,000
	Luminance (cd/m2)	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,3 years battery life)
Max Quantity for SCADA		7999Pages
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 (DB9)
	Serial (Com2)	RS422/485 (DB9)
	Serial (Com3)	RS485 (DB9)
	Serial (Com4)	N/A
	Ethernet	YES
Front Function Keys		N/A (Optional:F1~F6 )
Audio out (optional)		N/A
Video in (optional)		N/A
Front USB Host Port		N/A (Optional)
Power	Supply Voltage	12~24VDC±10% / Optional: 24VDC ±10% (Isolated)
	Consumption	3W
Environment	Operating Temperature	-10°C~50°C (Optional:-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	N/A
	Ingress Protection	IP65
	Cooling	Natural Cooling
Dimension WxHxD (mm)		203.5x 148.5x 35
Cutout Dimension WxH (mm)		191.5 x 138
Net Weight (Kg)		0.55

## Dimensions



