

Model Name	ES22
Working Memory (128MB)	O
Backup FRAM	128KB
Serial Port	COM1:RS-232/422/485 COM2:RS-485(RS-232 Optional)
Ethernet	2*RJ45 (Dual IP)
USB 2.0(Host)	O
USB 2.0(Client)	O
RTC	O
Micro SD	O
A Side Expansion(Optional)	O
Supply Voltage	Isolated 12~36Vdc±10%
Operating Temperature	-20° C ~ 70° C
Relative Humidity	10% ~ 90%
Shock (Operation)	Half sine, 15G, 11ms duration
Vibration (Operation)	Random vibration 1 Grms (5~500 Hz)
FCC / CE	YES / IEC61000-6-2 & IEC61000-6-4
Software Version	PM Designer v4.0.5.31 or higher version
A03 Expansion Specifications	
COM3	RS-485(Isolated)
COM4	RS-232(Isolated)
CAN Bus	Yes(TB8: Pin6/7)
SIO(Safety signal contactor)	Yes(2DI/2DO)
GIO(I/O Port)	---
Wi-Fi	---
4G / Wi-Fi	Optional
B Side Expansion	Optional
Weight(g)	265.8