

**USB-87P1/USB-87P2
USB-87P4/USB-87P8
I/O Expansion Unit**



USB-87P1



USB-87P4



USB-87P2



USB-87P8

Interface Type :Full speed with USB 1.1 specifications		
Cable	USB type A connector	
Baud rate	115200 bps Default	
Isolation	3000 VDC	
ESD Protection	+/- 4K Contact Discharge and +/- 8K Air Discharge	
Switch		
DIP Switch	1 bit *1, For auto configuration	
LED Indicators		
Power	Yes	
System Ready	Yes	
Auto configuration	Yes	
Slot Status	Yes	
I/O Expansion Slots		
Hot Swap	Yes	
Auto Configuration	Yes	
Support Module Type	High profile i-87K module only	
Slots		
USB-87P1	1	
USB-87P2	2	
USB-87P4	4	
USB-87P8	8	
Dimensions (W x H x D)		
USB-87P1	64mm x 117mm x 110mm	
USB-87P2	95mm x 132mm x 111mm	
USB-87P4	188mm x 132mm x 111mm	
USB-87P8	312mm x 132mm x 111mm	
Power		
Input Range	10~30 VDC (non-regulated)	
Reverse polarity protection	Yes	
Isolation	1000 VDC	
Frame Ground	Yes	
Consumption		Power Board Driving
USB-87P1	1 W	5 W
USB-87P2	1 W	8 W
USB-87P4	2 W	15 W
USB-87P8	2.4 W	30 W
Environment		
Operating Temperature	-25 to +75 °C	
Storage Temperature	-30 to +75 °C	
Humidity	5 ~ 95%, Non-condensing	