

EVC9103B/EVC9103S User Manual

1 turn 3 High Speed USB 2.0 Isolator Speed Up to 480Mbps

	
EVC9103B Without Screen	EVC9103S 0.96inch Screen

Date	Description	Revision
2025/11/4	First Released	V10

<a href="http://www.buelec-tech.com">www.buelec-tech.com</a>	<a href="mailto:sales@buelec-tech.com">sales@buelec-tech.com</a>	<a href="mailto:support@buelec-tech.com">support@buelec-tech.com</a>
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## 1 Features:

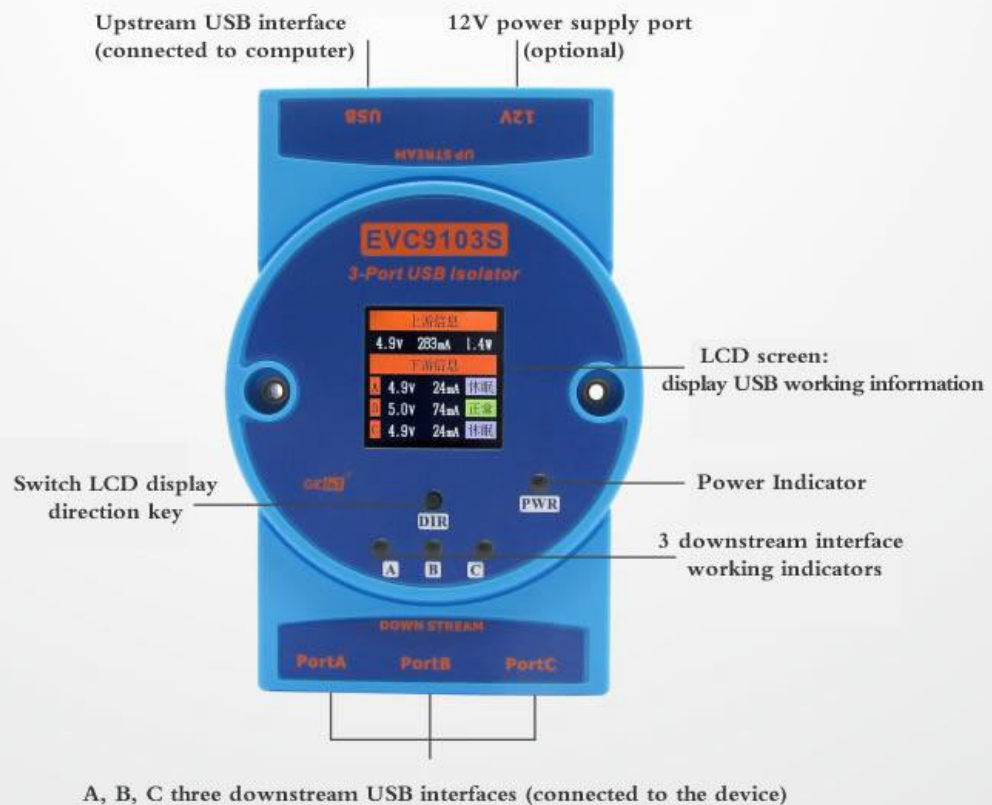
- Industrial Grade USB2.0 High speed isolation technology without time delay;
- Support Variety of USB Devices like Camera,USB Hard Disk
- Driver Free for windows/MacOs/Linux
- Support high-speed, full-speed, low-speed devices Max Speed Up to 480Mbps;
- Four-layer board design,Up to 1500V isolation voltag;
- Anti-static and anti-surge protection,Overcurrent and overvoltage protection;
- Support 12V External Power Supply And 5V USB Internal Power Supply.
- Input And Output Protection:
- TVS Protection for Both Input And Output;
- Switch-level up to 10us Short-Circuit for output Protection;
- ESD protection for both input port and the output port ;

## 2 Specification:

Technical parameter	EVC9103B		EVC9103S	
Supported devices	Compatible with High-speed;Full-speed;Low-speed USB Device;			
Power Supply	5V USB power supply Default; Or ADD External 12V DC Power supply;			
Output voltage:	5V			
Output current:	Maximum 1A;			
Power Consumption	230mA		240mA	
ESD Protection	IEC61000-4-2(ESD)+-15KV +-8KV			
Input Connector	One USB-B port			
Output Connector	Three USB-A ports			
Display:	Not Support		Liquid crystal display	
Working Temperature	-20℃~70℃		-45℃-85℃	
Mechanical size:	103X70X26(mm);(LXWXH);			
Weight:	345g			
Installation method:	Standard Adam module,rail installation stackable;			
Operating system	Windows,Linux, MAC, Android., Windows CE			

## 3 LED Indication

### Interface/Hardware Introduction



Indicator Name	Description
DIR	Adjust Direction of Screen (Only for EVC9103S)
PWR	RED,5V USB Power Supply Enable (Connected) Blue,12V External Power Supply Enable;
A (Port A)	Grey, Port A not Connect; RED, Port A Connect;
B (Port B)	Grey, Port B not Connect; RED, Port B Connect;
C (Port C)	Grey, Port C not Connect; RED,Port C Connect;

## 4 Packing List

### Shipping List



①

(Or no display)



②



③



④