OVP-SFC4　single-mode fiber converter

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Statement

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Catalog

Brief Introduction

Thanks for ordering Onbon LED controller. The design of the player is according to the international and industrial standard, but if the operations are incorrect, it will probably bring you personal injury and financial harm. As to avoid these and win more from your equipment, please obey the specifications of this file.

About software

It is not allowed to change, decompile, disassemble, decrypt or reverse engineer the software installed on this product. The above behaviors are illegal.

Feature

◆ adopts Industrial-grade photoelectric integration module, offer the better light characteristic and electric
◆ characteristic as to promise the liability of data transmitting, MTBF>10^5 hours.
◆ High frequency switching chip inside, data speed is about 1000Mbps.
◆ Full-duplex and half-duplex self-adaption, straight wire and cross wire self-adaption.
◆ Working speed 1000Mbps, self-adaption 10/100/1000Base-Fx optical transceiver standard, can get communication
◆ with other network products.
◆ Support IEEE802.1Q and ISL.
◆ Support fault detection function of optional optical path, flow control, fault-tolerant detection, support SPANNING TREE
◆ fault-tolerant network.
◆ Support hot plug.
◆ Best production, stable quality.
◆ Working temperature: -40℃ ~ 80℃.
◆ Support use mixed usewith BX-SFC。
◆ Power supply：220V , range :100V ~ 240V。

Brief Introduction

Safety Note

◆ There's high pressure components in this products, please do not open the box and repair it by yourself.

◆ Input voltage is 100-240V, 50/60Hz, please use correct power supply.

◆ Power cable connect with GND. Please ensure that you will plug in the socket which is connecting with GND before you connect with input and output port

◆ Please take off the power supply of LED video processor before you do any hardware operations, and ESD by touching the ground.

◆ Please make sure that all the power supply cables and signal cables are plugged off before you want to connect with plug off any signal cable and controlling cable.

◆ Please make sure the environment is clean, dry and ventilated when you use this product, also, do not put this product to a high temperature and wet environment.

◆ This product is electronic products, please keep away from fire, water source and flammable&combustible products.

◆ Turn off the power supply immediately when you find smoking, peculiar smell or something unusual. And contact with us soon.

Product Description

Summery

OVP-SFC4 fiber converter can do the transmission media converting on network from cooper wire to fiber and fiber to cooper wire. OVP-SFC8 optical transceiver communication distance can extend to 15-20km.It can be mixed use together with BX-SFC .It is used with LED video controller, and the wiring is more integrated and simple.

Compatibility

IEEE 802.3z Gigbit Ethernet
IEEE 802.1d Spanning Tree
IEEE 802.1p Qos
IEEE 802.1Q and ISL

Application Environment

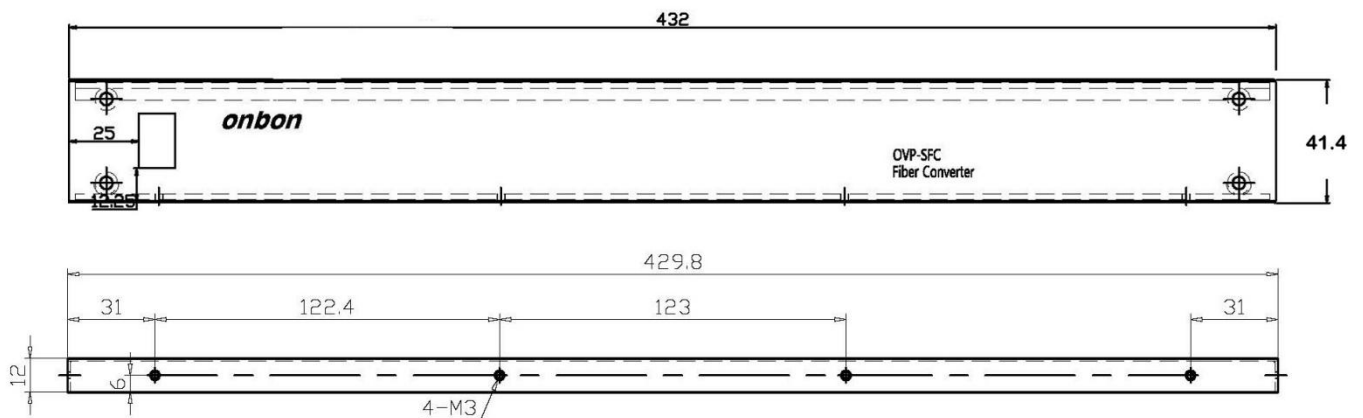|	
BX controller	Support all BX LAN port controller and other LAN port controller from popular controller suppliers
Metropolitan area optical fiber broadband network	Support telecom runner, cable Television runner, etc.
Private broadband	Apply to financial, government, petroleum, railway, electricity, traffic, education, etc.
Multimedia transfer	Apply to graphic, audio, data integrated transmission, remote teaching, video conferencing, visual telephone, etc.
Real time monitor	Real time monitor signal, graphic and transfer data at the same time.
Real time monitor Anti severe environment	Real time monitor signal, graphic and transfer data at the same time Apply to strong electromagnetic interference, and long distance severe environment.

Main interface

Interface		
1	Input votlge	100-240V~ 50/60Hz
2	LED1~LED4	gigabit network signal
3	**Led indicator light**	

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3	**Led indicator light**		
	FX/AC`1`T	`	
			There's data transferring in optical port
	FDX	On	The present port is on full-duplex status
		Off	The present port is on half-duplex status
	TP/ACT	On	Lan port is connecting
		Flick	There's data transferring in optical port
	PWR	On	Power supply is ok

Technical specifications

Parameter description	
Input power supply	100-240V~ 50/60Hz ; Please strictly guarantee the power quality of OVP-SFC4
MTBF	>10^5 hours
Data rates	1000Mbps
Working mode	Single mode
Transmission distance	15-20Km
Working temperature	-40℃~80℃
Power	35W
Size	432*41.4*12

Dimension illustration

单位：mm

Product photos

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