SYSOLUTION

Eight Port Fiber Optic

Converter RG8

Specification

Version：Ver.1.0

Statement

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Update Record

No.	Version	Update	Revise
1	Ver.1.0	Initial	2024.08.29

The document is subject to change without prior notice.

Products

The RG8 eight port fiber optic converter provides an economical and efficient method for converting optical signals into electrical signals, or converting electrical signals into optical signals, for connecting transmission cards to LED display screens. This converter provides full duplex, efficient, and stable data transmission, which is not easily affected by interference and is an ideal choice for long-distance transmission

Product Features

1 x 10G SFP+fiber ports

8 x Gigabit Ethernet ports, PoE optional

Supports RJ45 ports 10/100/1000M and full duplex/half duplex self negotiation

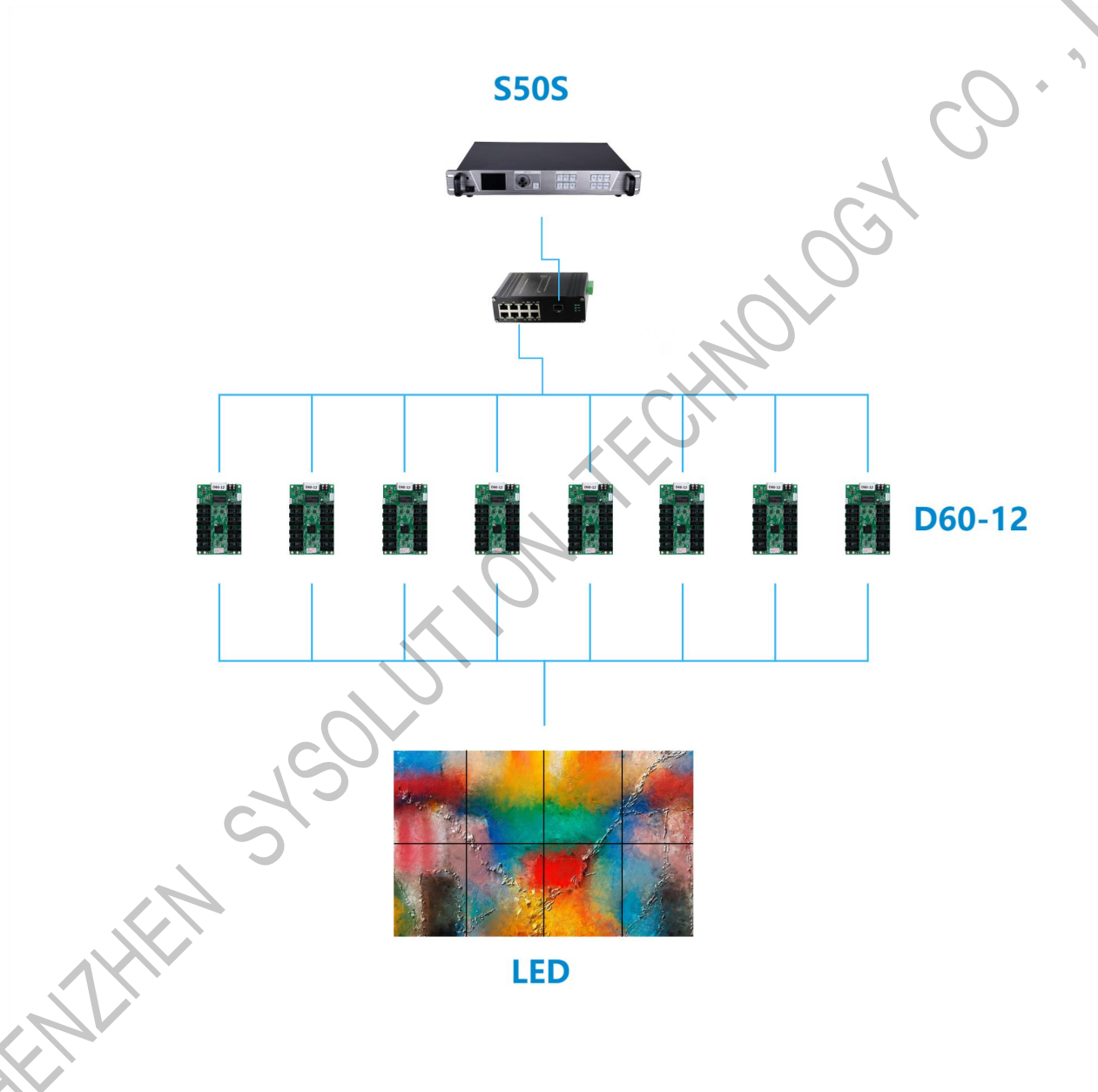Does not support VLAN

Product Picture

Product Parameters

Interface	
connector	8 x 10/100/1000M RJ45
optical port	1 x 10G SFP+
distance	Depending on the SFP+module used, it is recommended to travel 20 kilometers.
Electrical and mechanical	
input voltage	12~48VDC (not PoE) 48~57VDC (PoE) Redundant power supply (6-pin terminal block)
power consumption：	Maximum 5W (using PoE) Maximum 253W (not using PoE)
resolution	1920*1080@60Hz
compatible with controllers	SYSOLUTION, MOONCELL, NovaStar, Colorlight
connection way	Paired use, each port must be connected accordingly, For example, Port-1 of device A must be linked to Port-1 of device B
Dimensions (width x depth x height):	150 x 115 x 50 mm

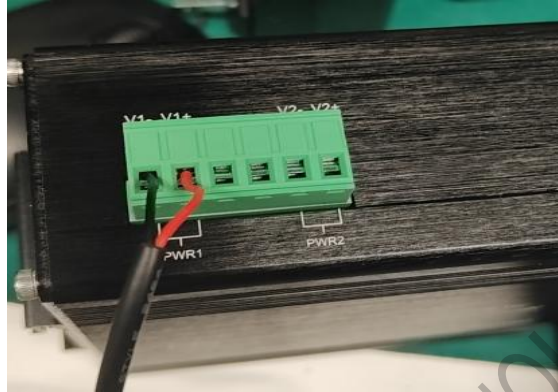| weight	0.6Kg
Sleeve:	Aluminum shell
installation optional:	DIN rail
working conditions	
working temperature	-40°C to 80°C (-40°F to 176°F)
Storage temperature:	-40°C to 85°C (-40°F to 185°F)
Relative humidity:	5% to 95% No condensation
Mean time between failures	> 200,000 hrs

Product application

Power Supply

Cautions

1. The installation process must be completed by the professionals.

2. It must be anti-static.

3. Please pay attention to waterproof, dust removal.