

# ZRA-R1

Optical receiver for Crystal LED  
large display solutions



## Overview

### System configurations with greater connectivity and flexible set up

The ZRA-R1 converts the optical signal from ZRA-T1 and flawlessly connects to the ZRD series cabinet from up to 300 m away. Experience a more flexible way of integrating Crystal LEDs throughout more AV projects with this long distance receiver.

## Specifications

Supported model	
Cabinet	ZRD-B-series/C-series ZRD-BH-series/CH-series
Controller	ZRCT-300
Type	
	Optical receiver
Interface	

Input	SFP+ (multi-mode optical fiber)
Output	RJ45 x3
Transmission	
Fiber optic	300m (maximum)
Support signal resolution	
	up to 1920x1080 (Full HD) (4 pair required for 4K screen)
Dimensions	
w x d x h (mm)	110 x 142.5 x 33.5 mm
Mass	
(g)	610 g
Power *1	
Requirement	DC 5V / 2A
Consumption	10W
Type of terminal	USB Type-C

## Operating Temperature

0°C - 45°C (32°F ~ 113°F)

## Storage Temperature

-20°C - 60°C (4°F ~ 140°F)

## Operating Humidity

20-80% (No condensation)

## Storage Humidity

20-80% (No condensation)

## Notes

\*1

Please use a USB AC adapter that is USB PD compliant.  
Operation is not guaranteed with all USB AC adapters.

Related  
products



### **ZRA-T1**

Optical transmitter for

Crystal LED large  
display solutions

## Gallery

