

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

