

ZRCT-300

Display Controller for LED
wall display cabinets



Overview

Cutting-edge image processing technology for extraordinary visual experiences

The ZRCT-300 is a dedicated display controller for Sony's modular LED large display system. One ZRCT-300 unit can control up to 64 ZRD-B12A/C12A/BH12D/CH12D cabinets or 100 ZRD-B15A/C15A/BH15D/CH15D cabinets to create spectacular high-resolution LED displays.

The powerful processor "X1 for Crystal LED" ensures extraordinarily realistic, finely-detailed images for an overwhelming visual experience on virtually any size and scale.

The controller can accept a wide range of video input signals up to a maximum resolution of 3840 x 2160 pixels, with support for HDR, High Frame Rate and 3D.

The 1.5U size rack mounting unit features 12x RJ45 output ports, 2x HDMI and 2x DisplayPort video inputs, 3D sync, genlock, network control and maintenance ports together with link input/output ports for interconnection with other ZRCT-300 display controllers to produce even larger displays.

Specifications

General

Maximum Control Number of Display Cabinet	ZRD-B12A/C12A/BH12D/CH12D: 64 ZRD-B15A/C15A/BH15D/CH15D: 100
Maximum Input Resolution (W x H)	3,840 x 2,160
Maximum Input Frame Rate	120 fps
Multiple Controller Link	Yes
Maximum Linkage Number of Controller	20
Video Input	HDMI x2, DisplayPort (DP1.2) x2
Unit output	RJ45 x 12
Control	RJ45 (ethernet) x1, USB x1
Fan noise	27dBA-32dBA (27dBA@25°C, 32dBA@35°C)
Operating Temperature / Operating Humidity	0 °C to 40 °C / 20% to 80% (no condensation)
Storage Temperature / Storage Humidity	-20 °C to 60 °C / 20% to 80% (no condensation)

Power Requirements	AC 100 - 240 V, 50 / 60 Hz
Power Consumption (Max.)	100 W
Dimensions (W x H x D) (Without press)	440 x 65 x 349 mm 17 3/8 x 2 5/8 x 13 3/4 in *1.5 U 19-inch rack
Mass	Approx. 6.4 kg (14 lb 1.75 oz)
Notes	This equipment is compliant with class A. Operation of this equipment in a residential area could cause harmful interference in which case the user may be required to take adequate measures.

Related products



ZRD-CH12D

Crystal LED video wall modular display cabinet with immersive image depth



ZRD-CH15D

Crystal LED video wall modular display cabinet with immersive image depth



ZRD-BH12D

Crystal LED video wall modular display cabinet with high brightness and rich colour



ZRD-BH15D

Crystal LED video wall modular display cabinet with high brightness and rich colour

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