

ZRCT-300

Display Controller for C-series and B-series micro 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 micro LED large display system. One ZRCT-300 unit can control up to 64 ZRD-C12A/ZRD-B12A cabinets or 100 ZRD-C15A/ZRD-B15A cabinets to create spectacular high-resolution micro 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 12 RJ45 output ports, 2 HDMI and 2 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-C12A/B12A: 64 ZRD-C15A/B15A: 100
Maximum input resolution (W x H)	3840 x 2160
Maximum Input Frame Rate	120fps (TBD)
Multiple Controller Link	Yes
Maximum Linkage Number of Controller	20
Video Input	HDMI2.0 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)
Operation Temperature	0-35°C
Storage Temperature	-20°C-60°C
Operation Humidity	20-80% (No condensation)
Storage Humidity	20-80% (No condensation)

Power Requirements	AC100-240V, 50/60Hz
Power consumption (max.)	90 W (TBD)
Dimensions (W x H x D) (without press)	440 x 65 x 349 mm 17.32 x 2.56 x 13.74 in *1.5U 19-inch rack
Mass	6.3 kg / 13 lb 14.2 oz

Gallery

