

ZRD-S12G

Crystal LED S Series video wall modular display cabinet



Overview

Clear, natural images on any scale, even in bright environments

Crystal LED S Series makes the benefits of Sony's advanced video wall technology even more accessible for large-scale display applications in a wide range of corporate and educational environments.

The ZRD-S12G and ZRD-S15G Crystal LED S Series modular display cabinets feature latest-generation picture processing, fine-tuned to ensure pristine images with accurate, neutral colour reproduction. Anti-Reflection Surface Technology boosts contrast and visibility from any angle in brightly-lit lobbies and lecture theatres, while a screen coating safeguards against accidental contact in high-traffic environments.

The slim cabinet design affords greater installation flexibility that's enhanced by more convenient cable management. Reduced power consumption compared with conventional LED walls drives down total cost of ownership, making Crystal LED S Series a compelling option for long-term operation in environments such as entrance halls and visitor attractions.

Features

High impact images with accurate neutral colour

Offering a brightness of 800 cd/m², the ZRD-S12G and ZRD-S15G are ideal for video wall applications in a wide range of corporate and educational settings, from entrance lobbies and boardrooms to lecture theatres and seminar rooms. Powerful image processing has been carefully refined to ensure true-to-life skin tones in online meetings and accurate reproduction of other colours in corporate logos, presentations or lectures. The display module's wide viewing angle ensures that vibrant images are seen clearly from anywhere in the room.

Anti-Reflection Surface Technology for glare-free viewing

The display panel features an advanced anti-reflection coating that dramatically reduces glare from ambient lighting. This low reflection surface treatment enables better visibility in brightly lit environments including corporate entrances, meeting rooms and lecture theatres.

Lower power consumption drives down total cost of ownership

Lowered energy consumption compared with conventional LED video walls contributes to an overall reduction in total cost of ownership. This makes Crystal LED S Series a compelling display choice for demanding applications with heavy usage over long time periods, such as office entrances. The energy efficient design also reduces the temperature of the display's surface, minimising the need for costly air conditioning.

Protective coating guards against accidental damage

A surface coating on the LED panel provides protection against accidental contact, making the ZRD-S12G and ZRD-S15G ideal for use in high-traffic environments such as visitor attractions, corporate lobbies and meeting rooms.

Easier installation, minimal maintenance

The ZRD-S12G and ZRD-S15G offer simplified integration and maintenance compared with previous-generation LED video wall systems. The slim cabinet has been redesigned with a depth of less than 50mm, for easier installation in environments where space is limited. A readily accessible aperture in the rear of the cabinet simplifies clean, hassle-free cable management.

Compatibility with NovaStar MX40/MX30 Pro controller

The ZRD-S12G and ZRD-S15G offers smooth, seamless integration with the selected NovaStar COEX series, MX40 Pro and MX30 controller. COEX series is a high-end flagship series of NovaStar. Together with VMP (Vision Management Platform), MX40 Pro is equipped with image booster and dynamic booster. Also, by using NovaStar controller, the distance between cabinets and the controller can be extended up to 100m.

Specifications

General Features	
Pixel Pitch	1.25 mm
Supported Display Controller	NovaStar MX40 pro/MX30
Surface	Anti-Reflection Surface Technology
Resolution (W x H)	480 x 270
Brightness (Max.)	800 cd/m2
Contrast Ratio (0 lx)	More than 1,000,000:1
Viewing Angle (H/V)	160°/160°
Bit Depth	22 bit Internal Processing
Signal Interface	1 in 1 out (2 x RJ45)
Operation Temperature / Operation 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.) Calibration mode: Off	98W (484W/m ²)
Power Consumption (Calibrated 100% brightness) Calibration Mode: On	67W(331W/m ²)
Power Consumption (Average 30% brightness) Calibration Mode: On	34W(168W/m ²)
Dimensions (W x H x D)	Approx. 600 x 338 x 45 mm (23 5/8 x 13 3/8 x 1 13/16 inch)
Mass / Weight	Approx. 5.7 kg (12.6 lb)
Maintenance	Front

General Features

Application

Indoor

Notes

*1

Please refer to the installation manual for installation.

*2

Features and specifications are subject to change without notice.





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