

SONY



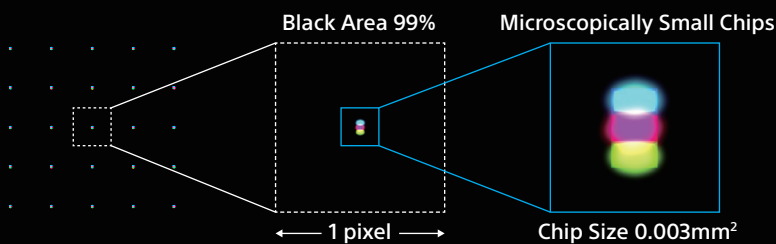
Crystal LED Display System

ZRD-1 Display Unit / ZRCT-100 Display Controller

Main FEATURES

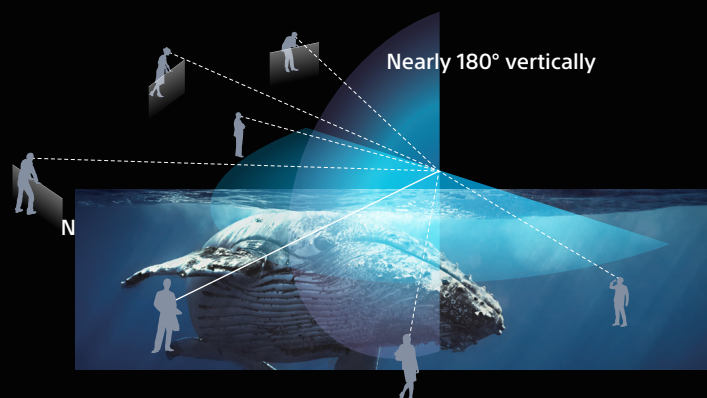
Outstanding High Contrast

99% black occupancy thanks to Sony's unique ultra fine LED (0.003 mm²) technology.



Wide viewing angle

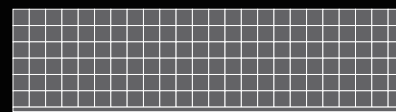
Nearly 180° without color shift and change in brightness.
Not only horizontally but also vertically.



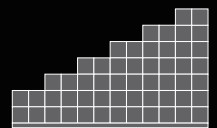
Fine Seamless Alignment

No seam, no bezel thanks to highly accurate alignment and uniformity adjustment.
Free Style Combination, Free Size Installation, Free Aspect Ratio.

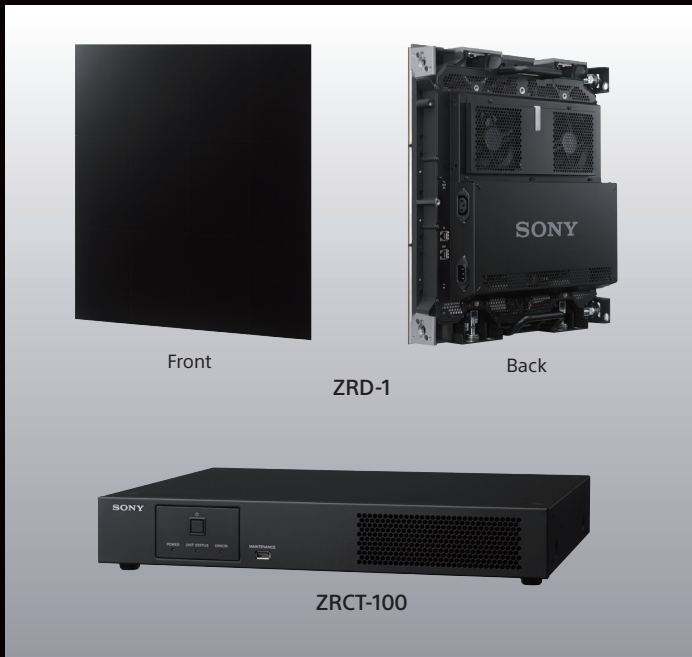
Installation Example



144 units (8K x 2K)



Specifications



ZRD-1 (Display Unit)

Brightness	Max 1,000 cd/m ²
Contrast ratio	More than 1,000,000 : 1
Viewing angle	Almost 180°
Display native color space	140% wider than sRGB
Application	Indoor
Power consumption	Max 200W (per unit) Average 100W (per unit)
Dimensions (W x H x D)	403.2 x 453.6 x 100 mm 15 7/8 x 17 7/8 x 4 inches
Mass	10.0kg 22lb 0.74oz

ZRCT-100 (Display Controller)

Maximum control number of display unit	72 (6unit/1port x 12port)
Maximum input resolution	W3840 x H2160
Video input	DVI-D (Single link) x 4* Display port (DP1.2) x 2
Maximum linkage number of controller	20
Power consumption	90W
Dimensions (W x H x D)	440 x 65 x 349 mm (without protrusions) 17 3/8 x 2 5/8 x 13 3/4 inches (without protrusions)
Mass	6.3 kg 13 lb 14.2 oz

* HDCP Compliant

Input Signal

DisplayPort (Single Input)

Resolution	Input frame rate*1	Color bit depth	Input color sampling
3840 x 2160*2	60P/50P/30P/25P/24P	8/10bit	RGB 4:4:4
1920 x 2160	120P*2/100P*2/60P/30P/25P/24P		
1920 x 1080	120P/100P/60P/50P/30P		

DisplayPort (Dual Input)

Resolution	Input frame rate*1	Color bit depth	Input color sampling
3840 x 2160*3	120P/100P	8/10bit	RGB 4:4:4

DVI (1 Input)

Resolution	Input frame rate*1	Color bit depth	Input color sampling
1920 x 1080	60P/50P/30P/25P/24P	8bit	RGB 4:4:4

DVI (4 Input)

Resolution	Input frame rate*1	Color bit depth	Input color sampling
3840 x 2160*4	60P/50P/30P/25P/24P	8bit	RGB 4:4:4

*1: 1,000/1,001 frame rate is also supported.
*2: Only multi-stream is supported.
*3: Supported by two input signals of 1920 x 2160, 120P.
*4: Supported by four input signals of 1920 x 1080.

Applications



Industrial Design



Digital Show Room



Board Room



Museum



Medical



Theme Park

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