

Product Spec Sheet from Rentex

Barco E2 4K Screen Management System

800.545.2313

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Rentex Product No. ENC2000



Video Inputs

HDMI per HDMI 1.4a specification
on HDMI connector (Type A)
formats up to 2,560x1,600@60 and 3,840x1,200@60 (30 bits)
4K/UHD Supported:
- 3,840x2,160/23.98/24/25/29.97/30 input via 1x HDMI, 2x HDMI (L and R half) or 4x HDMI (quadrants)
- 3,840x2,160/50/59.94/60 input via 2x HDMI (L and R half) or 4x HDMI (quadrants)
- 4,096x2,160/23.98/24/25/29.97/30 input via 1x HDMI, 2x HDMI (L and R half) or 4x HDMI (quadrants)
- 4,096x2,160/50/59.94/60 input via 2x HDMI (L and R half) or 4x HDMI (quadrants)
EDID version 1.3 compatible
HDCP version 1.4 compatible

Display Port per Displayport 1.1a specification
on Displayport connector
formats up to 2,560x1,600@60 and 3,840x1,200@60 (30 bits)
4K/UHD Supported:
- 3,840x2,160/23.98/24/25/29.97/30 via 1x DP, 2x DP (L and R half) or 4x DP (quadrants)
- 3,840x2,160/50/59.94/60 via 2x DP (L and R half) or 4x DP (quadrants)
- 4,096x2,160/23.98/24/25/29.97/30 via 1x DP, 2x DP (L and R half) or 4x DP (quadrants)
- 4,096x2,160/50/59.94/60 via 2x DP (L and R half) or 4x DP (quadrants)
- 4,096x2,400/23.98/24/25/29.97/30/50/59.94/60 via 2x DP (L and R half) or 4x DP (quadrants)
EDID version 1.3 compatible
HDCP version 1.4 compatible

DVI DVI 1.0 specification
DVI Digital video on DVI-I connector
All single-link DVI formats up to 165 MHz
All dual-link DVI formats up to 330 MHz
Maximum H Active: 4,096, Maximum V Active: 3,072
4K/UHD Supported:
- 3,840x2,160/23.98/24/25/29.97/30 input via 1x DVI-DL, 2x DVI-SL (L and R half) or 4x DVI-SL (quadrants)
- 3,840x2,160/50/59.94/60 input via 2x DVI-DL (L and R half) or 4x DVI-SL (quadrants)
- 4,096x2,160/23.98/24/25/29.97/30 input via 2x DVI-SL (L and R half) or 4x DVI-SL (quadrants)
- 4,096x2,160/50/59.94/60 input via 2x DVI-DL (L and R half) or 4x DVI-SL (quadrants)
- 4,096x2,400/23.98/24/25/29.97/30 input via 2x DVI-SL (L and R half) or 4x DVI-SL (quadrants)
- 4,096x2,400/50/59.94/60 input via 2x DVI-DL (L & R half) or 4x DVI-SL (quadrants)
EDID version 1.3 compatible
HDCP version 1.4 compatible

SDI SD/HD/3G SDI (6G ready) on BNC connector
Formats:
- SD Formats: SD-SDI per SMPTE 259M-C (NTSC/PAL resolution)
- HD Formats: HD-SDI per SMPTE 274M, 296M, 2048
- 3G Formats: 3G-SDI per SMPTE 424M, Barcolink
6G Ready (via future firmware upgrade)
4K/UHD Supported:
- 3,840x2,160/23.98/24/25/29.97/30 input via 4x HD-SDI (quadrants)
- 3,840x2,160/50/59.94/60 input via 4x 3G-SDI (quadrants)
- 4,096x2,160/23.98/24/25/29.97/30 input via 4x HD-SDI (quadrants)
- 4,096x2,160/50/59.94/60 input via 4x 3G-SDI (quadrants)

Video Outputs

HDMI per HDMI 1.4a specification
formats up to 2,560x1,600@60 and 3,840x1,200@60 (30 bits)
4K/UHD Supported:
- 3,840x2,160/23.98/24/25/29.97/30 input via 1x HDMI, 2x HDMI (L and R half) or 4x HDMI (quadrants)
- 3,840x2,160/50/59.94/60 input via 2x HDMI (L and R half); or 4x HDMI (quadrants)
- 4,096x2,160/23.98/24/25/29.97/30 input via 1x HDMI, 2x HDMI (L and R half) or 4x HDMI (quadrants)
- 4,096x2,160/50/59.94/60 input via 2x HDMI (L and R half); or 4x HDMI (quadrants)
EDID version 1.3 compatible
HDCP version 1.4 compatible

SDI SD/HD/3G SDI (6G ready) on BNC connector
Formats:
- SD Formats: SD-SDI per SMPTE 259M-C (NTSC/PAL resolution)
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6G Ready (via future firmware upgrade)
4K/UHD Supported:
- 3,840x2,160/23.98/24/25/29.97/30 input via 4x HD-SDI (quadrants)
- 3,840x2,160/50/59.94/60 input via 4x 3G-SDI (quadrants)
- 4,096x2,160/23.98/24/25/29.97/30 input via 4x HD-SDI (quadrants)
- 4,096x2,160/50/59.94/60 input via 4x 3G-SDI (quadrants)

Genlock Genlock: Reference Input/Loop on BNC connectors; Analog Bi-level and Blackburst at SD and Tri-level at HD

Communication Ethernet RJ-45, 1000/100/10 Mbps autosense

Dimensions Height: 17.8 cm (7.0 in) - 4 RU Rackmount
Width: 43.2 cm (17.0 in) - without chassis handles, 48.3 cm (19 in) with chassis handles attached
Depth: 56.9 cm (22.4 in) from front panel to rear panel, 62.2 cm (24.5 in) overall

Weight 31 kg (68 lbs)

Input Power Power 100-240 VAC, 47-63 Hz, auto-selecting 9.0A at 100 VAC

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