

## A.1 Specifications of E2

### Overview

<b>Genlock</b>	Genlock: Reference Input/Loop on BNC connectors; Analog Bi-level and Blackburst at SD and Tri-level at HD
<b>Communication</b>	Ethernet RJ-45, 1000/100/10 Mbps autosense
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>Height: 17.8 cm (7.0 in) - 4 RU Rackmount</li> <li>Width: 43.2 cm (17.0 in)- without chassis handles, 48.3 cm (19 in) with chassis handles attached</li> <li>Depth: 56.9 cm (22.4 in) from front panel to rear panel, 62.2 cm (24.5 in) overall</li> </ul>
<b>Weight</b>	31 kg (68 lbs)
<b>Input power</b>	Power 100-240 VAC, 47-63 Hz, auto-selecting 8.8A at 100 VAC
<b>Environmental temperature</b>	0-40° Celsius
<b>Environmental humidity</b>	0-95% noncondensing
<b>Warranty</b>	Full three year parts and labor standard, extended warranty and support available.
<b>HDMI</b>	<ul style="list-style-type: none"> <li>per HDMI 1.4a specification</li> <li>on HDMI connector (Type A )</li> <li>formats up to 2,560x1,600@60 and 3,840x1,200@60 (30 bits)</li> <li>4K/UHD Supported: <ul style="list-style-type: none"> <li>- 3,840x2,160/23.98/24/25/29.97/30 input via 1x HDMI, 2x HDMI (L and R half) or 4x HDMI (quadrants)</li> <li>- 3,840x2,160/50/59.94/60 input via 2x HDMI (L and R half) or 4x HDMI (quadrants)</li> <li>- 4,096x2,160/23.98/24/25/29.97/30 input via 1x HDMI, 2x HDMI (L and R half) or 4x HDMI (quadrants)</li> <li>- 4,096x2,160/50/59.94/60 input via 2x HDMI (L and R half) or 4x HDMI (quadrants)</li> </ul> </li> <li>EDID version 1.3 compatible</li> <li>HDCP version 1.4 compatible</li> </ul>
<b>Display port</b>	<ul style="list-style-type: none"> <li>per Displayport 1.1a specification</li> <li>on Displayport connector</li> <li>formats up to 2,560x1,600@60 and 3,840x1,200@60 (30 bits)</li> <li>4K/UHD Supported: <ul style="list-style-type: none"> <li>- 3,840x2,160/23.98/24/25/29.97/30 via 1x DP, 2x DP (L and R half) or 4x DP (quadrants)</li> <li>- 3,840x2,160/50/59.94/60 via 2x DP (L and R half) or 4x DP (quadrants)</li> <li>- 4,096x2,160/23.98/24/25/29.97/30 via 1x DP, 2x DP (L and R half) or 4x DP (quadrants)</li> <li>- 4,096x2,160/50/59.94/60 via 2x DP (L and R half) or 4x DP (quadrants)</li> <li>- 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)</li> </ul> </li> <li>EDID version 1.3 compatible</li> <li>HDCP version 1.4 compatible</li> </ul>
<b>DVI</b>	<ul style="list-style-type: none"> <li>DVI 1.0 specification</li> <li>DVI Digital video on DVI-I connector</li> <li>All single-link DVI formats up to 165 MHz</li> <li>All dual-link DVI formats up to 330 MHz</li> <li>Maximum H Active: 4,096, Maximum V Active: 3,072</li> <li>4K/UHD Supported: <ul style="list-style-type: none"> <li>- 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)</li> <li>- 3,840x2,160/50/59.94/60 input via 2x DVI-DL (L and R half) or 4x DVI-SL (quadrants)</li> <li>- 4,096x2,160/23.98/24/25/29.97/30 input via 2x DVI-SL (L and R half) or 4x DVI-SL (quadrants)</li> <li>- 4,096x2,160/50/59.94/60 input via 2x DVI-DL (L and R half) or 4x DVI-SL (quadrants)</li> <li>- 4,096x2,400/23.98/24/25/29.97/30 input via 2x DVI-SL (L and R half) or 4x DVI-SL (quadrants)</li> <li>- 4,096x2,400/50/59.94/60 input via 2x DVI-DL (L &amp; R half) or 4x DVI-SL (quadrants)</li> </ul> </li> </ul>

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<b>SDI</b>	<ul style="list-style-type: none"> <li>• SD/HD/3G SDI (6G ready) on BNC connector</li> <li>• Formats:             <ul style="list-style-type: none"> <li>- SD Formats: SD-SDI per SMPTE 259M-C (NTSC/PAL resolution)</li> <li>- HD Formats: HD-SDI per SMPTE 274M, 296M, 2048</li> <li>- 3G Formats: 3G-SDI per SMPTE 424M, Barcolink</li> </ul> </li> <li>• 6G Ready (via future firmware upgrade)</li> <li>• 4K/UHD Supported:             <ul style="list-style-type: none"> <li>- 3,840x2,160/23.98/24/25/29.97/30 input via 4x HD-SDI (quadrants)</li> <li>- 3,840x2,160/50/59.94/60 input via 4x 3G-SDI (quadrants)</li> <li>- 4,096x2,160/23.98/24/25/29.97/30 input via 4x HD-SDI (quadrants)</li> <li>- 4,096x2,160/50/59.94/60 input via 4x 3G-SDI (quadrants)</li> </ul> </li> </ul>
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