


Converter Box Series Hardware Specification

Model	SDI2HD-DS4K
Photo	
Description	4K-HDMI/3G-SDI to 4K-HDMI/3G-SDI Up/Down Converter with Genlock
Feature	<ul style="list-style-type: none"> ● SDI to 4K HDMI conversion ● 4K HDMI to SDI conversion ● Support Reference input for Genlock ● Aspect Ratio conversion ● Configure via USB Port or Button ● Region of interest ● Test pattern generator ● Automatically detection SD, HD and 3G-SDI standards ● Video Quality adjust(Brightness/Contrast/Saturation/Hue) ● Built-in hardware scaling engine with anti-aliasing ● Text Labels(20 characters)
Input	HDMI 2.0 x 1, SDI x 1 REF x 1
Audio Input	RCA x 2(1 pair)
Output	Up/Down Converted HDMI 2.0 x 1 Up/Down Converted SDI x 2 Loop-through SDI x 1
Supported Video Input Format	<ul style="list-style-type: none"> ● SDI port input format <ul style="list-style-type: none"> ➢ 1080p60/50, 1080i60/50, 1080p30/25/24, 720p60/50 ➢ 1080p59.94, 1080i59.94, 720p59.94, 1080p29.97, 1080p23.98 ➢ 525i, 625i ● HDMI 2.0 port input format <ul style="list-style-type: none"> ➢ 3840x2160p60/59.94/50 ➢ 3840x2160p30/29.97/25/24/23.98 ➢ 1920x1080p60/59.94/50/30/29.97/25/24/23.98 ➢ 1920x1080i60/i59.94/50, ➢ 1280x720p60/59.94/50 ➢ 720x480p60/59.94, 720x576p50 ➢ 525i, 625i

<p>Supported Video Output Format</p>	<ul style="list-style-type: none"> ● Up/Down Converted SDI port format <ul style="list-style-type: none"> ➤ 1080p60/50, 1080i60/50, 1080p30/25/24, 720p60/50 ➤ 1080p59.94, 1080i59.94, 720p59.94, 1080p29.97, 1080p23.98 ➤ 525i, 625i ● Up/Down Converted HDMI 2.0 port format <ul style="list-style-type: none"> ➤ 3840x2160p60/59.94/50 ➤ 3840x2160p30/29.97/25/24/23.98 ➤ 1920x1080p60/59.94/50/30/29.97/25/24/23.98 ➤ 1920x1080i60/i59.94/50, ➤ 1280x720p60/59.94/50 ➤ 720x480p60/59.94, 720x576p50 ➤ 525i, 625i
<p>GENLOCK Frame Lock Mode</p>	<p>Free-Run, External Sync input</p>
<p>Supported Audio Format</p>	<p>Up to 8 channels, 24bit, 48KHz</p>
<p>Plug & Play</p>	<p>✓</p>
<p>DC In</p>	<p>7.5V ~ 15V</p>