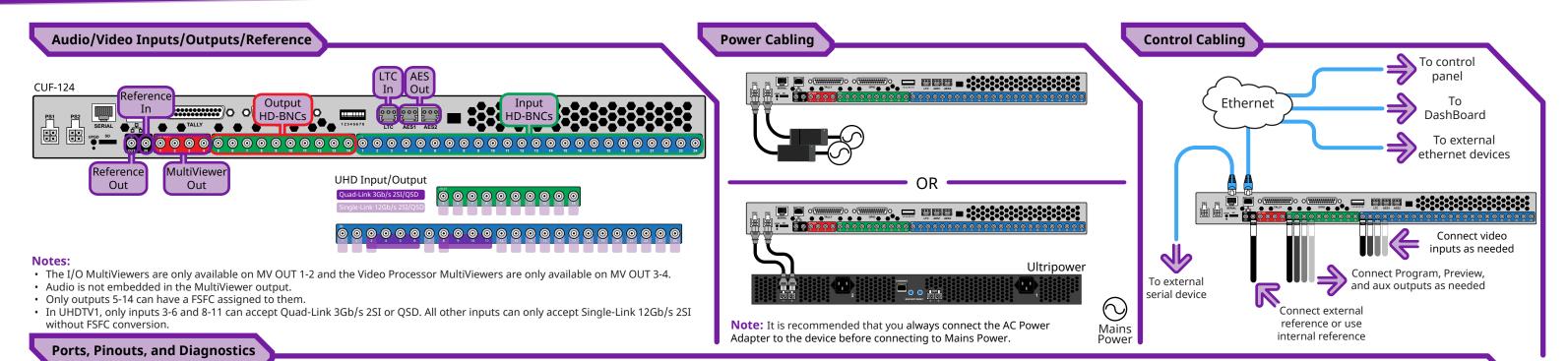
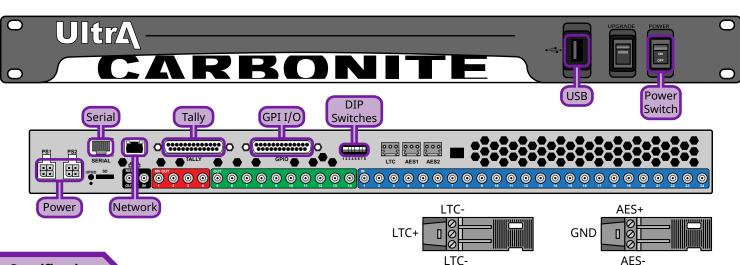
QuickStart





	GP] (femal	[I/O e DB2!	5))		
Pin	Signal	Pin	Signal			Pin
1	GPI I/O 1	14	GPI I/O 14			1
2	GPI I/O 2	15	GPI I/O 15			2
3	GPI I/O 3	16	GPI I/O 16			3
4	GPI I/O 4	17	GPI I/O 17			4
5	GPI I/O 5	18	GPI I/O 18			5
6	GPI I/O 6	19	GPI I/O 19			6
7	GPI I/O 7	20	GPI I/O 20			7
8	GPI I/O 8	21	GPI I/O 21			8
9	GPI I/O 9	22	GPI I/O 22			9
10	GPI I/O 10	23	GPI I/O 23			10
11	GPI I/O 11	24				11
12	GPI I/O 12	25	Ground			12
13	GPI I/O 13					13

		ally le DB25)	
Pin	Tally	Pin	Tally	
1	Tally 1	14	Tally 14	
2	Tally 2	15	Tally 15	
3	Tally 3	16	Tally 16	
4	Tally 4	17	Tally 17	
5	Tally 5	18	Tally 18	
6	Tally 6	19	Tally 19	
7	Tally 7	20	Tally 20	
8	Tally 8	21	Tally 21	
9	Tally 9	22	Tally 22	
10	Tally 10	23	Tally 23	
11	Tally 11	24	Tally 24	
12	Tally 12	25	Common	
13	Tally 13			

Serial

(female RJ-45)

Tx+

Ry+

n/c

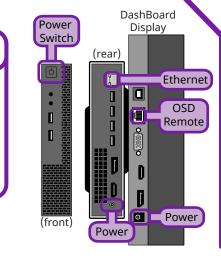
Ground

5

Tx-

n/c

Rx-



Specifications

3DI INDUL FORMALS
480i 59.94Hz
576i 50Hz
720p 50/59.94/60Hz
1080i 50/59.94/60Hz
1080pSF 23.98/24/25/29.97Hz
080p 23.98/24/25/30/29.97/30/50 (A)/59.94 (A)/60
UHDTV1 23.98/24/25/29.97/30 (Single-Link 12Gb/
2SI, Quad-Link 3Gb/s 2SI, Quad-Link 3Gb/s QSD)

SDI Input Formate

Default Values				
Frame IP	192.168.0.123			
FTP User name	user			
FTP Password	password			

Tally	Rating
Input Voltage:	24VAC (rms) / 40VD0
Maximum Current:	120mA
Impedance:	< 15 ohms

	Temperature
Operating:	0 - 40°C (32 - 104°F)
Storage:	-20 - 85°C (-4 - 185°F)

Power				
Consumption	114W 7.6A 15V			
Input Voltage	100-120V~			
	220-240V~			
47-63Hz				
47-03112				

	put Specifications
Equalization	>40m @ 12Gb/s
(using Belden 1694 cable)	>100m @ 1.5 Gb/s
_	>300m @ 270 Mb/s (5°-40°C)
Impedance	75 ohm, terminating
Video Inputs	SMPTE 259M/292M serial digital (non-looping)
Reference Inputs	Standard Definition — analog black
(non-terminating, looping)	High Definition — tri-level sync

Video	Video Output Specifications		
Return Loss	< -7.8dB @ 12Gb/s		
	< -15dB @ 1.5Gb/s		
	< -10dB @ 3Gb/s		
Rise and Fall Time			
	800ps +/- 10% (SD)		
	240ps +/- 10% (HD)		
Signal Level	800mV +/- 10%		
DC Offset	0 Volts		
Overshoot	< 10%		
SDI HD Mode	10-bit SMPTE-292M/424M		
SDI UHD Mode	SMPTE ST 2082-1:2015 (1:2016)		

	pecifications
Audio Depth	24-bit in HD
	20-bit in SD
Channels	1 Stereo Pair
File Format	Multi-Channel
	Waveform Audio File
Impedance	110 Ohms, differential
Min/Max Output Voltage	1.5/6V peak-to-peak
Swing	
Rise and Fall Times	20ns (typical)
Sample Rate	48kHz
Synchronization	Locked to Video







FrameGlow Diagnostics

NORMAL: Frame is operating normally. There are no warnings. Actual color is user selectable.



BOOTING: Frame hardware is booting up. (cycle from blue to white)



BOOTING: Frame software is booting up.



UPGRADE: Frame is being upgraded. (cycle from yellow to white)



WARNING: Frame is over-temperature or there is a status warning. (flashing red)

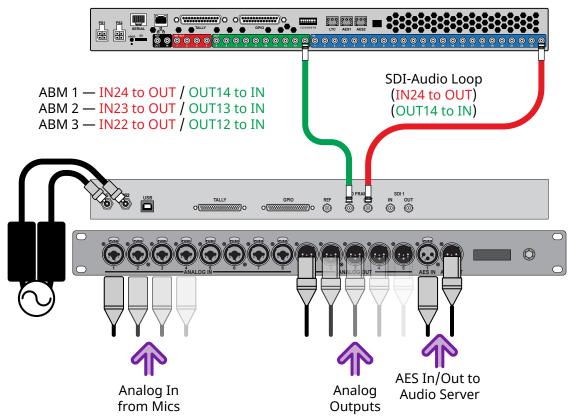


CRITICAL: Frame is critically over-temperature. Auto power-down imminent. (solid red)



1RU Audio Breakout Module (ABM)

Note: Support for the 1RU Audio Breakout Module (ABM) is not available in UHDTV1 at this time.



Important: Ensure that Phantom Power is turned off for the Analog Input unless you are connecting a microphone that requires phantom power. Connecting the line out from an audio device to the analog input with phantom power on could damage the audio device and/or the 1RU Audio Breakout Module. For added safety, a TRS phone connecter should be used for line in audio sources.



Note: It is recommended that you always connect the AC Power Adapter to the device before connecting to Mains Power.

	out specifications
Input Impedance	XLR: 2K ohm
	¼" Jack: 10K ohm
Maximum Level	+24dBu
Frequency Response	±0.3dB (22Hz to
	20kHz @ Fs = 48kHz)
Signal to Noise Ratio	-95dB
"A" weighting	-98dB
CCITT weighting	-107dB
THD	>93dB or <0.002%
Amplitude Linearity	<0.8dB @ -100dBFS
Crosstalk	-94dB
·	

Analog Audio Input Specifications

Analog Audio Ou	tput Specifications
Maximum Level	+24dBu
Frequency Response	±0.4dB (22Hz to
	20kHz @ Fs = 48kHz)
Signal to Noise Ratio	-103dB
THD	>93dB
Amplitude Linearity	<0.3dB @ -100dBFS
Crosstalk	-106dB (20Hz to
	20kHz)

Power Consumption Audio Breakout 45W 3.75A 12V



Having a problem? Call our free, 24-hour technical support hotline to speak with a live product specialist located right here in our facility.

Tel: (+1) 613 • 652 • 4886 Email: techsupport@rossvideo.com

