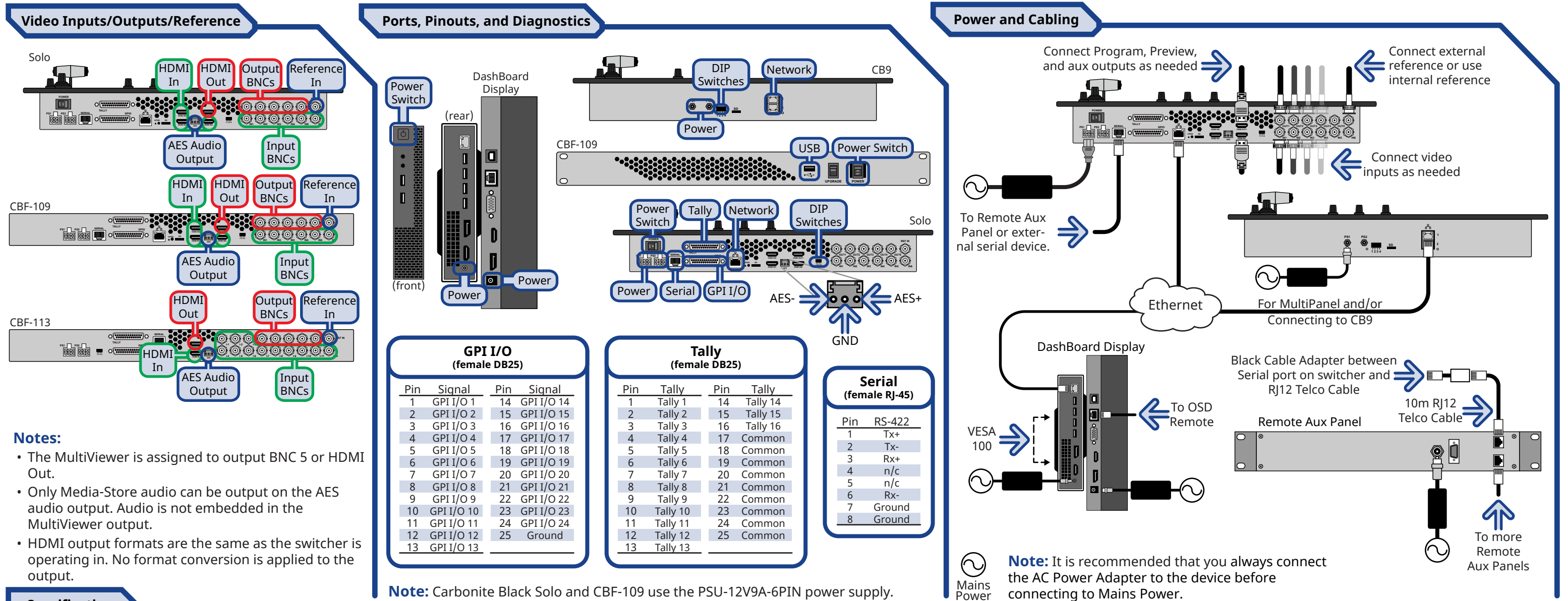




HDMI Input Formats	
VGA	640×480 (4:3)
SVGA	800×600 (4:3)
XGA	1024×769 (4:3)
5XGA	1280×1024 (5:4)
720p	1280×720 (16:9)
1080i	1920×1080 (16:9)
1080p	1920×1080 (16:9)

SDI Input Formats	
	480i 59.94Hz
	576i 50Hz
	720p 59.94Hz
	720p 50Hz
	1080i 59.94Hz
	1080i 50Hz
	1080pSF 23.98Hz
	1080pSF 25Hz
	1080pSF 29.97Hz
	1080p 29.97Hz
	1080p 25Hz
	1080p 50Hz Level A
	1080p 59.94Hz Level A

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

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

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

Max Power Consumption		
Solo	57W	4.75A 12V
CBF-109	45W	3.75A 12V
CBF-113	48W	4.00A 12V
CB9	24W	2.00A 12V

Input Voltages	
All	100 - 120V~ 220 - 240V~ 47-63Hz

Video Input Specifications	
Equalization (using Belden 1694 cable)	>100m @ 1.5 Gb/s >300m @ 270 Mb/s (5°-40°C)
Impedance	75 ohm, terminating
Video Inputs, SDI	SMPTE 259M/292M serial digital (non-looping)
Video Inputs, HDMI	HDMI 1.4 High Speed HDMI Cable (Max 10m)
Reference Inputs (non-terminating, looping)	Standard Definition — analog black High Definition — tri-level sync

Video Output Specifications	
Return Loss	< -23dB at 1.5GHz < -18dB at 3GHz
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 serial digital
HDMI	HDMI 1.4 High Speed HDMI Cable

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 Swing	1.5/6V peak-to-peak
Rise and Fall Times	20ns (typical)
Sample Rate	48kHz
Synchronization	Locked to Video