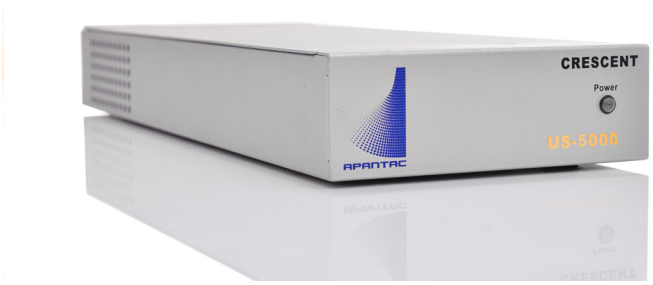
Crescent
US-5000

Standalone Bi-directional Universal Scaler with Genlock



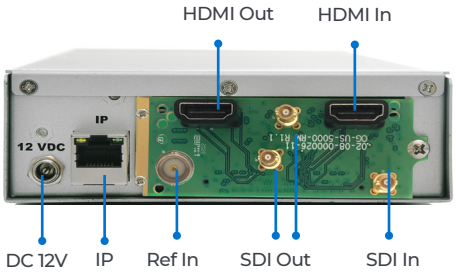
US-5000

Key Features

- Standalone compact
- Dashboard connect control enabled
- HDR metadata pass through
- Select input among HDMI 2.0, SDI up to 4096x2160p60 or test signal
- HDMI 2.0 and 12G SDI outputs up to 4096x2160p60, with independently adjustable resolution / frame rate
- Supports 8 channels of HDMI audio to SDI and vice versa
- Supports 8 channels of audio when converting from SDI to SDI
- Can be genlocked to Black Burst
- SDI output supports 1080P 50/59.94Hz, 3840x2160 50/59.94Hz, 4096x2160P 50/59.94Hz
- HDMI output supports 1080P 50/59.94Hz, 3840x2160P 50/59.94Hz, 4096x2160P 50/59.94Hz
- Low power consumption < 25W
- Region of Interest (ROI)
- In ROI mode, the HDMI output matches the SDI output resolution
- 3 year limited warranty

Crescent
US-5000

Rear view



SUPPORTED INPUT SIGNAL TYPE/FORMATS	
HDMI	**12G-SDI**
4096 x 2160 59.94/60Hz	4096 x 2160 59.94/60Hz
4096 x 2160 50 Hz	4096 x 2160 50Hz
4096 x 2160 29.97/30Hz	3840x2160p 59.94/60Hz
4096 x 2160 23.98/24/25Hz	3840x2160p 50Hz
3840 x 2160 24Hz	3840x2160p 30Hz
3840 x 2160 23.98Hz	**6G-SDI**
2560x1080 60Hz	3840x2160p 30Hz
1080P 59.94/60Hz	3840x2160p 29.97Hz
1080P 50Hz	3840x2160p 25Hz
1080P 30Hz	3840x2160p 24Hz
1080P 29.97Hz	3840x2160 23.98Hz
1080P 25Hz	**3G-SDI Level A**
1080P 24Hz	1920x1080p 60Hz
1080P 23.98Hz	1920x1080p 59.94Hz
1920x1200 59.94Hz	1920x1080p 50Hz
1920x1200 50Hz	**1.5G SDI**
1920x1200 49.93Hz	1920x1080p 30Hz
720P 59.94/60Hz	1920x1080p 29.97Hz
720P 50Hz	1920x1080p 25Hz
640x480 59.94/60Hz	1920x1080p 24Hz
640x480 59.94Hz	1920x1080p 23.98Hz
480P 59.94/60Hz	

Specifications

Input	HDMI and SDI	**Output**	HDMI and SDI
Control	Dashboard	**Genlock**	Analog black burst via BNC