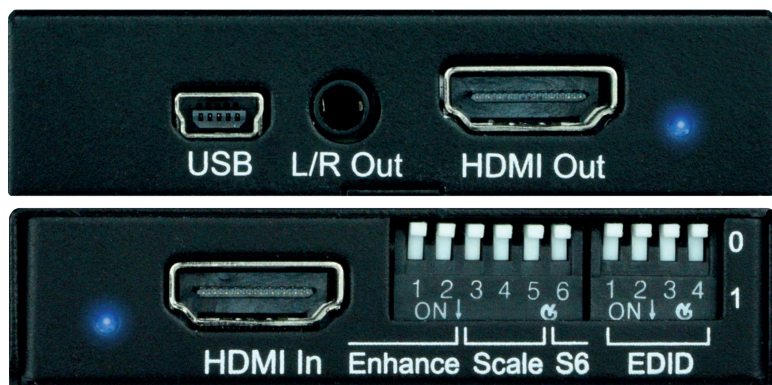# 18G 4K HDMI 2.0 Up/Down Scaler with Audio De-Embedding, EDID Management & Test pattern generator
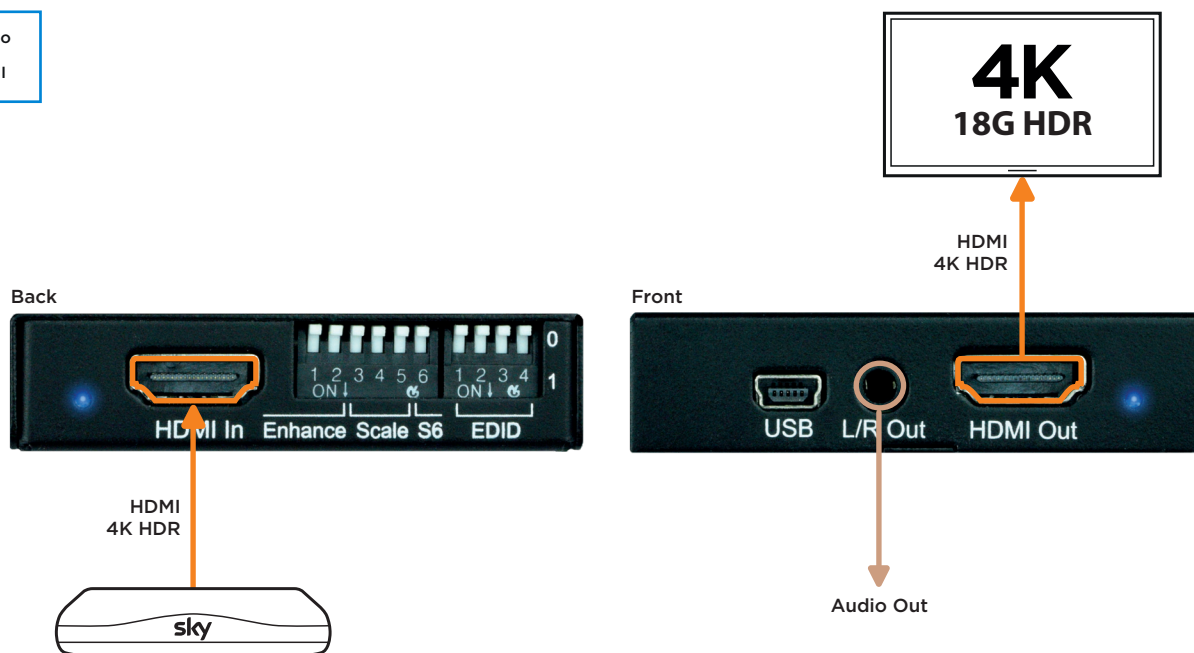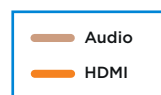## SE10

SE10

The SE-10 provides HDMI image scaling for both 2K to 4k (upscaling) and 4K to 2K (downscaling), with image enhancement settings in the upscaling mode. The SE-10 has a wide range of EDID settings that should cater for most situations, including a programmable EDID setting for those more troublesome times. It also provides two test patterns at 1080p and 4K30 that can be very useful for commissioning and system test. The EDID management provides the installer/integrator with 14 fixed EDID settings (including HDR and Audio modes), an EDID bypass mode and one programmable EDID location. This make the SE-10 extremely versatile in being able to cope with any HDMI EDID related issues. The SE-10 also De-embeds the incoming audio to stereo L/R analogue audio that may be used for either checking the audio signal or connection to a stereo power amplifier system. All these powerful features are provided in a small package that can be discretely located A must have for all AV installers to ensure trouble-free HDMI and HDBaseT connections.

FEATURES

- HDMI 2.0 (4K 4:4:4 @ 60Hz), 1080p....,3D, HDR.....Capable
- HDCP 1.4 and HDCP 2.2 compatible
- HDCP conversion and control
- Comprehensive EDID modes
    1. EDID Bypass mode
    2. 14 fixed EDID settings with HDR modes
    3.1 user programmable

- Upscaling – 1080p to 4K with three image enhancement modes
- Downscaling – 4K to 1080p
- Two HDBaseT operating modes
- Two test patterns – 1080p and 4K30
- CEC Pass-through
- 5V PSU and USB cable are provided
- Pocket Size design

18G 4K HDMI 2.0 Up/Down Scaler with Audio De-Embedding, EDID Management & Test pattern generator
SE10

SPECIFICATIONS

PART NUMBER	SY-SE10	
VIDEO RESOLUTIONS/FORMATS	VESA and SMPTE 480p to 2160p (4K UHD) with 3D. (All resolutions to: 3840x2160p @60Hz 4:4:4 8bit, 3840x2160p @30Hz 4:4:4 8bit) All PC resolutions to 1920x1200	
BANDWIDTH	18bps	
HDCP	Compatible with all versions up to 2.2v	
SCALER	4K to HD/HD to 4K	
EDID MANAGER	EDID data and manual EDID management 15 presets plus. User's own programmable EDID	
INPUTS	**Video** 1x HDMI type A 2.0v	
OUTPUTS	**Video** 1x HDMI type A 2.0v	**Audio** 3.5mm analogue stereo
MAXIMUM HDBaseT RANGE	100m	
MAXIMUM HDMI RANGE	10m	
PATTERNS	1080p 60Hz 1920x1080p 4:4:4 4K 30Hz 3840x2160 4:4:4	
CHROMA SUBSAMPLING	4:4:4, 4:2:2, 4:2:0	
CLOCK SPEED	600Mhz	
POWER SUPPLY	5V DC, 1.2A	
WEIGHT AND DIMENSIONS	**Weight (net)** 0.145kg	**Size (WHD)** 66 x 16 x 93mm
CERTIFICATES	CE, RoHS, FCC	
WHAT'S IN THE BOX	1x SE10 Wall power supply with UK and EU plug adaptors USB typ A to Mini (Power from wall power supply to SE10) Wall bracket User's Manual	

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