



# HDR-BOOST

4K/60Hz 18Gbps HDR 4:4:4 ENHANCER



# superio | HDR-BOOST

## Superio HDMI Enhancer with 5v Power Injection

This 4K UHD HDMI to HDMI Enhancer with 5V Power Injection is an advanced solution for HDMI signal extension and cascading. This unit is designed to enhance and stabilize high-bandwidth HDMI signals for cleaner transmission over long distances using multiple HDMI cables without the need for external power. 4K signals may be extended over distances up to 5M per cable segment with support for cascading up to 4 times. This unit is powered by the 5V that accompanies standard HDMI signals, however in situations where additional 5V power is required (such as when cascading) it can be added with the simple connection of an external USB power source. This repeater complies with the advanced HDCP 2.2 and HDMI 2.0 standards, as well as supporting the legacy HDCP 1.x and HDMI 1.x standards. 4K UHD video sources, up to and including 4K@60Hz (4:4:4, 8-bit) as well as 10/12-bit sources with HDR are fully supported. Up to 8 channel LPCM digital audio as well as Bitstream and HD Bitstream audio formats are supported as well. All functionality is automatic, requiring no external controls.

For further visit: [www.superio.com](http://www.superio.com)

Specifications:	
HDMI Bandwidth:	18 Gbps
Input Ports:	1 x HDMI (Type A)
Output Ports:	1 x HDMI (Type A)
Voltage Injection Port:	1 x USB 2.0 (Micro-B)
Dimensions (WxHxD):	65x10x24mm
Weight:	15g
Power Consumption:	0.75W



Supported Resolutions:
720x400p@70/85Hz
640x480p/60/72/75/85Hz
720x480i@60Hz
720x480p@60Hz
720x576i@50Hz
720x576p@50Hz
800x600p@56/60/72/75/85Hz
848x480p@60Hz
1024x768p@60/70/75/85Hz
1152x720p@50/60Hz
1280x720p@50/60Hz
1280x768p@60/75/85Hz
1280x800p@60/75/85Hz
1280x960p@60/85Hz
1280x1024p@60/75/85Hz
1360x768p@60Hz
1366x768p@60Hz
1400x1050p/60Hz
1440x900p@60/75Hz
1600x900p@60RB Hz
1600x1200p@60Hz
1680x1050p@60Hz
1920x1080i@50/60Hz
1680x1050p@60Hz
1680x1050p@60Hz
1920x1080i@50/60Hz
1920x1080p@24/25/30/50/60Hz
1920x1200@60RB Hz
2560x1440p@60RB Hz
2560x1600p@60RB Hz
2048x1080p@24/25/30/50/60 Hz
3840x2160p@24/25/30/50/60Hz /4:2:0)
3840x2160p@24Hz HDR10
3840x2160p@50/60Hz 4:2:0 HDR10
3840x2160p@50&60Hz
4096x2160p@24/25/30Hz
4096x2160p@50/60Hz 4:2:0
4096x2160p@24Hz HDR 10
4096x2160p@50/60Hz 4:2:0 HDR10
4096x2160p@50/60Hz