

## **ARDP4KHF Technical Specification**

Display Port to HDMI® Adapter Rev. 161013

Liberty's ARDP4KHF Display Port to HDMI adapter features active Display Port conversion to HDMI signal. This unit is a component of Liberty's patented Digital Keychain Security System that can also function as a standalone adapter for Video presentation system. The unit has the 4-way eyelet for inclusion into a keychain design.

The ARDP4KHF unit is manufactured with the latest in IC technology to support the full bandwidth required of HDMI 2.0. The unit supports bandwidth of up to 18Gbps. The actual performance will depend on the circuit link that is attached to the adapter. Longer cables attenuate and this can reduce the final throughput.

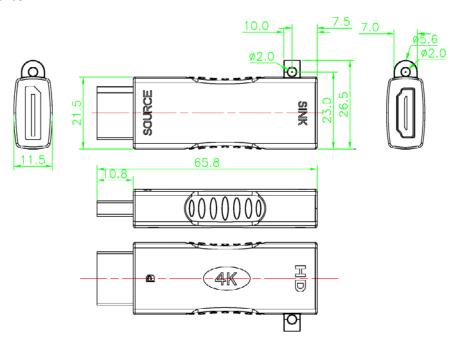
Note the use pattern for this adapter is connected to a passive HDMI cable. Active AOC and Active Copper cables may not work due to the power and technology differences. It is not recommended to use active cables to connect this adapter. The length of the cable should be as short as possible. Use of HDMI® Premium certified cables allows for 15-foot lengths. This item draws power from the Display Port BUS of the source.

## **Key Features:**

- 4K60 4:4:4 Bandwidth
- Tested to VESA requirements
- Can be stand alone
- Component for Digital Keychain

## **Key Applications:**

- Adapting DP to HDMI
- Corporate Boardrooms
- Education and Conference Center
- Presenting and Collaboration





	Technical Specifications	
I/O Connections		
Display port	Male Display Port Connector	
HDMI	Female HDMI Type A connector	
HDMI Supported Video, Audio and Etherne	et .	
HDMI Maximum Video Compatibility	4Kx2K @ 60Hz	
Video Compliance	HDMI 2.0, HDCP 2.2	
Display Port Compliance	DP 1.2A for 1.62Gbps, 2.7Gbps, and 5.4Gbps	
Training Support	Full Link Training and No Link Training Supported	
Maximum Bandwidth	HDMI: 18.0Gbps	
Molding Construction	·	
Overmold Length x Width x Height	55mm x 21.5mm x 11.5mm	
Connector Shroud (DP)	10.8mm	
Environmental Requirements		
Operating Temperature	0° to +60° C (+32° to +140° F)	
Operating Humidity	20% to 85%, Non-condensing	
Storage Temperature	-20° to +80° C (0° to +176° F)	
Power and Regulatory		
Regulatory	EU RoHS-2 2011/65/EU Compliant	

Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.

Part Matrix		
Item Number	Description	
ARDP4KHF	Adapter, Display Port to HDMI	

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