

## AR-DVM-HDF Technical Specification

DVI to HDMI® Adapter Cable Assembly  
Rev. 140723

Liberty's AR-DVM-HDF DVI to HDMI dongle features a short flexible design for DVI Video output to HDMI solutions. This unit is a component of Liberty's patented Digital Keychain Security System that can function as a standalone adapter for Video presentation system. The unit has the 4-way eyelet for inclusion into a keychain design.

The AR-DVM-HDF unit is a passive component. It does not contain any circuitry nor does it perform any conversion. DVI-D Single Link maximum data rate is 5.0Gbps and a resolution of 1900x1200@60Hz. This unit supports HDMI video up to 1080P60. Audio does not pass on this unit. 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.

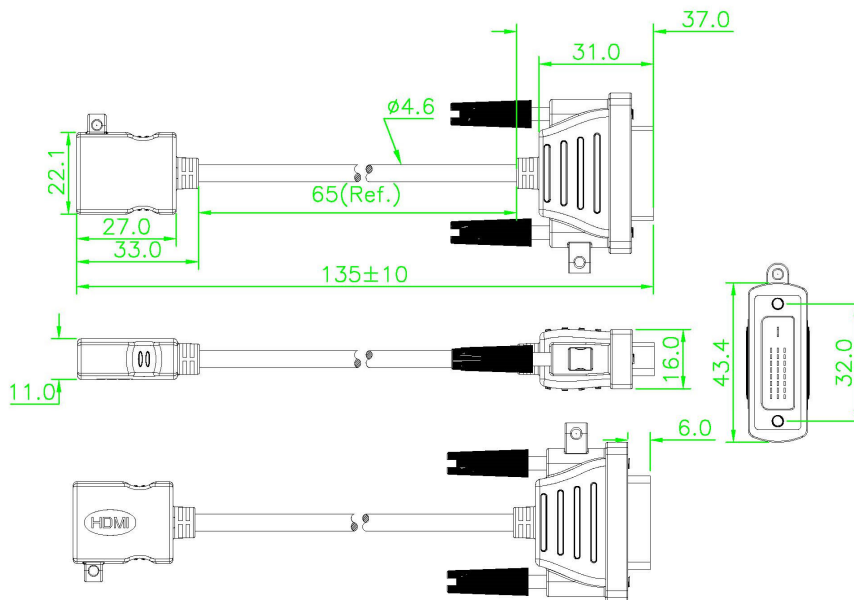
It is recommended to keep the length of the HDMI cables attached to this under 15 feet for best experience.

### Key Features:

- 5-inch overall length
- WUXGA Bandwidth
- Flexible cable for routing
- Component for Digital Keychain
- Use for Stand Alone applications
- Port Saver

### Key Applications:

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



Technical Specifications	
<b>I/O Connections</b>	
Display port	Male DVI Connector
HDMI	Female HDMI Type A connector
<b>HDMI Supported Video, Audio and Ethernet</b>	
HDMI Maximum Video Compatibility	1900x1200 @ 60Hz, 1080P @ 60Hz
Video Compliance	DVI, HDCP 2.2
Maximum Bandwidth	HDMI: 4.85Gbps, DVI 5.0 Gbps
<b>Cable Construction</b>	
Molded Hood Constructions	Copper Foil Shielded Pre-mold with PVC over mold. Over mold is black
DVI Molded Hood Dimensions	L: 31.0mm x W: 43.4mm x H: 16.0mm. Strain Relief included in overall length
HDMI Molded Hood Dimensions	L: 33.0mm x W: 22.1mm x H: 11.0mm. Strain Relief included in overall length
Cable Jacket Material	Flame rated PVC with a glossy black finish
Cable Construction	32 AWG Tinned Copper
Overall Cable Size	0.181"   4.6mm
Minimum Bend Radius	1.81"   46mm
Maximum Tensile Load	22Lbs   10Kg
<b>Environmental Requirements</b>	
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)
<b>Power and Regulatory</b>	
Regulatory	UL AWM 20276 VW-1, 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
AR-DVM-HDF	Adapter Cable, Display Port to HDMI

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