



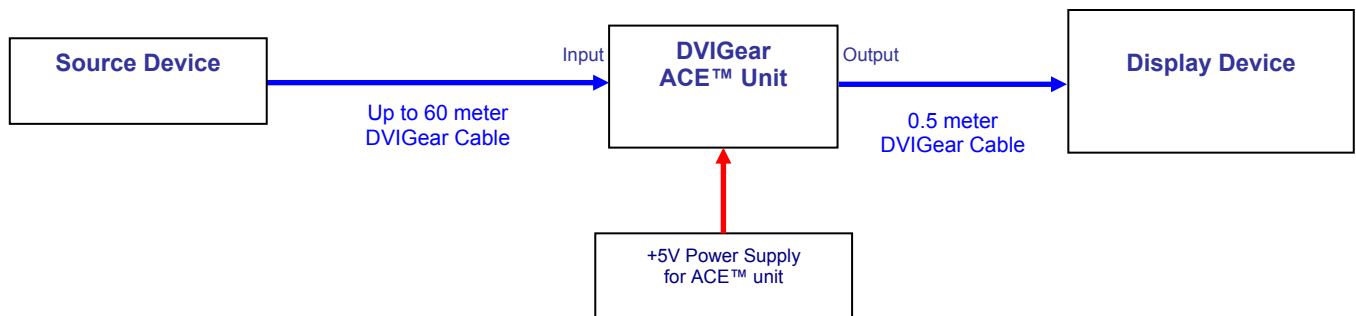
Product Features:

DVIgear's **ACE™** Active Cable Extenders are state-of-the-art dynamic equalizers that perform high speed cable compensation on long DVI and HDMI cables. The amount of equalization is automatically adjusted regardless of cable length connected. These units provide up to 40 dB of insertion loss correction at 825 MHz.

When used in conjunction with DVIgear's Super High Resolution™ DVI and HDMI cables, aggregate cable lengths of up to 60 meters (approximately 200 ft.) are possible. The combination of these products are *active cable* assemblies that are fully compliant with DVI and HDMI standards, and which provide superior performance, ruggedness, durability and value.

Specifications:

Model Number:	DVI-7171b	DVI-7176a	DVI-7370b
Description:	Active Cable Extender™ DVI Single-Link	Active Cable Extender™ DVI Dual-Link	Active Cable Extender™ HDMI
Connections:	Input / Output: DC Power:		
	29-pin Female DVI-D connector 5.5mm locking jack		19-pin Female HDMI connector 5.5mm locking jack
Power Supply: Power Consumption:	External Power Supply: Input: 100-240VAC, 50-60Hz Output: +5VDC @ 3.0A Typical: 1.25 watts (+5VDC @ 250 ma) / Maximum: 1.75 watts (+5VDC @ 350 ma)		
Resolution:	PCs : HDTV:		
	Supports all PC resolutions up to 1600x1200 and 1920x1200, DVI-7176a supports 2560x1600 and higher Supports HDTV resolutions up to 1080p and 2048x1080		
Bandwidth:	Pixel Rates: Bit Rates:	Pixel clock rates up to 165 MHz Signal bit rates up to 1.65 Gbps. DVI-7176a supports up to 3.3 Gbps.	
Mechanical Design:	Rugged, Corrosion Resistant Steel Housing		
Weight:	4.6 oz / 130 g		3.5 oz / 100 g
Dimensions:	(L x W x H)	2.65 x 2.13 x 1.16 inches (67.4 x 54.0 x 29.5 mm)	
	2.23 x 1.67x 1.13 inches (56.6 x 42.3 x 28.8 mm)		
Environmental:	Operation: Storage: Humidity:	0°C. to 50°C. -40°C. to 105°C. 10% to 90% (non-condensing)	
Compliance:	UL, CE, RoHS		
HDCP Support:	Yes, HDCP Pass-through		



Directions for Use:

DVIGear's Active Cable Extenders (ACE™) provide automatic cable compensation for DVI and HDMI cables with lengths up to 60 meters (196.8 ft.)

- 1.) Before connecting this product, power OFF all equipment.
- 2.) In order to ensure proper operation, it is essential that the ACE™ unit be installed at the display side of the long cable (see diagram above).
- 3.) The ACE™ requires an External AC Power Adapter in order to deliver sufficient power to energize the unit's internal circuitry.
- 4.) Connect a short cable (not longer than 3 meters) from the Output of the ACE™ unit to the input of the display.
- 5.) After all connections have been made, apply power to the system in this sequence:
 - a. Apply power to the ACE™ unit
 - b. Turn ON the display
 - c. Turn ON source.
- 6.) The image from the source should appear immediately on the display. If it does not, power OFF all equipment and recheck the connections, then try the power ON sequence again. If there are still problems contact DVIGear technical support for further assistance.