

# VGA Extender 300m

## User Manual

This Audio/Video Extender System allows you to extend the distance between the computer system unit and the display monitor by up to 300m (for video resolutions of 1280x1024 @ 60Hz) using one lan cable(Cat5,Cat5e,Cat6).A road VGA Audio/Video extender,it is twisted pair video VGA extension system that has anti-static, anti-lightning, anti - interference function,design for middle-quality or high-quality Audio/Video singal tranfer to long distance. It accomplishes this by means of a local transmitting unit (Transmitter), and a remote receiving unit (Receiver), connected by Cat 5e twisted pair cable.

The Extender has the ability of singal converter,splitter,drive,receive,return for VGA.The extender Audio/Video Extender System is ideal for installations where the display needs to reside in public view, but the system equipment can be safely tucked away. The Extender System is also useful for control and security purposes, where you can have the system unit in a secure area while the display is located in an area that is convenient for viewing.

Other useful applications for the DK300 Audio/Video Extender System include:

- Finance: The remote display of stock market information.
- Education: The remote display of lectures and lessons to lecture halls and classrooms.
- Business: The remote display of addresses to overflow rooms; video conferencing; and demos.

### FEATURES:

Uses Cat 5e cable to connect the local and the remote units

Has anti-static, anti-lightning, anti - interference function

Transmission distance up to 300m

High-quality video – up to 1920x1440@60Hz at 300 m

Easy to use and supports all system

Supports VGA, SVGA, XGA, SXGA, UXGA, WUXGA and multisync monitors

Dual Audio/video

Supports one local and two remote display.

Audio enabled

Two gain control modes for sharpest picture quality

Video gain and compensation adjustable via OSD

IR receiver for quick and easy video quality adjustment

Supports DDC for the local monitor

### Specification:

Video Input	Interface	: 1 x HDB-15 Female (Blue)
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	Impedance	75 $\Omega$
	Max Distance	1.8 m
Video Output	Interface	: 1 x HDB-15 Female (Blue)
		R: 2 x HDB-15 Female (Blue)
Video	Max Bandwidth	750 MHz
	Max Resolutions / Distance	Up to 1920 x 1440
Audio	Input	T: 1 x Mini Stereo Jack Female (Green)
	Output	T: 1 x Mini Stereo Jack Female (Green)
		R: 2 x Mini Stereo Jack Female (Green)
IR( R)	1 x Mini Stereo Jack Female (GREEN)	
Power	Connector: 1 x DC Jack	
	Consumption:	
	T: AC 7.5V	
	R: AC 7.5V	
Environment	Operating Temp.	0-50°C
	Storage Temp.	-20 - 60°C
	Humidity	0-80% RH, Non-Condensing
Housing	Metal	