

L-com VGA Cat5 UTP Extender

■ Product Overview

The LCVX-VGA VGA over UTP extender is designed to extend VGA video over Cat5 or better UTP cable to a distance of 150 meters! The LCVX-VGA consists of a single transmit and single receive unit. Each unit features plug and play operation so set up is fast and easy. Category 5 or better cable must be used that is pinned out to the EIA/TIA 568B standard.

■ Features

- Effective transmission distance: 500 feet (150 meters)
- Plug-and-Play operation
- Manual equalizer control provides optimal picture quality

■ Specifications

LCVX-VGA	
Components	Local unit for VGA source Remote unit for VGA display
RJ45, CAT5 connector	Extension output for VGA Extension input for VGA
Max. distance	150 meters*
VGA input port	HDB15 (female) x 1 N/A
VGA output port	HDB15 (female) x 2
Gain control	N/A 4-position slide switch
Status indicator	Power (green) x 1, Activity (yellow) x 1
Operating Voltage	9V DC, 500mA

*Resolution 1280 x 1024

■ Grounding

To prevent any damage to the product or any connecting device, it is important to make sure that the computer connected to the local unit and the monitor connected to the remote unit are properly grounded.

■ Equalizer Selector

You may adjust the Equalizer selector on the Remote Unit to get optimum video signal at various cable lengths. There are four segments of various cable lengths on the selector associated with the equalizer position. The following table can be used as a reference for selecting the best setting.

NOTE: Using high quality Cat5 cabling will produce higher resolution and better image results.

CAT5 cable length		Equalizer Position
meter	feet	
0 ~ 40	0 ~ 131	—
40 ~ 80	131 ~ 262	—
80 ~ 120	262 ~ 394	—
120 ~ 160	394 ~ 525	—

■ Installation

- 1) Prior to installation, make sure to power off all devices that will be attached to the LCVX-VGA.
- 2) Ensure that all devices that will connect to the LCVX-VGA are properly grounded.
- 3) Place cables away from fluorescent lights, air conditioners, and machines that are likely to generate electrical noise.

■ Warranty

We warrant our manufactured products for a period of one year from time of purchase. These products are warranted against defects in workmanship or materials under normal use. We cannot warranty our products in case of misuse, acts of God, or consequential damage. Alteration of product cancels all warranties. Under no circumstances will we be responsible for any damage beyond the replacement cost of the defective merchandise. We reserve the right to repair or replace any products that are returned under warranty.

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