

VS-108T/VS-104T/VS-102T/VS-101T Splitter Extender User Manual

◆ Specification:

Splitter Extender Series:

Splitter Extender is a device which can split 1 way VGA video signal into multiple-signal to transmit in far distance via CAT5 twisted-pair line. User can make 1 way video signal to transmit onto multiple-way remote displays by Splitter Extender and then to use Extender receivers to show the image at remote displays. This device can be used in public broadcasting, multi-media conference room, LCD display, remote education, central control, etc.

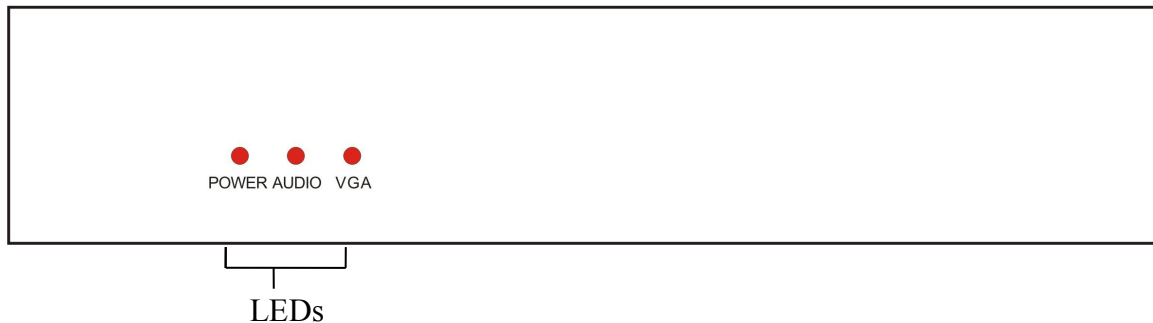
◆ Input & Output Port:

Input: VGA male

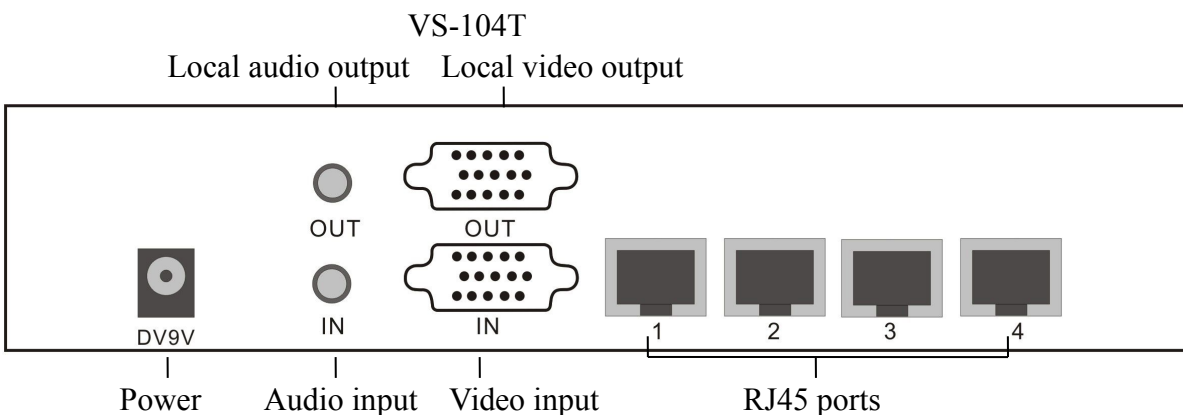
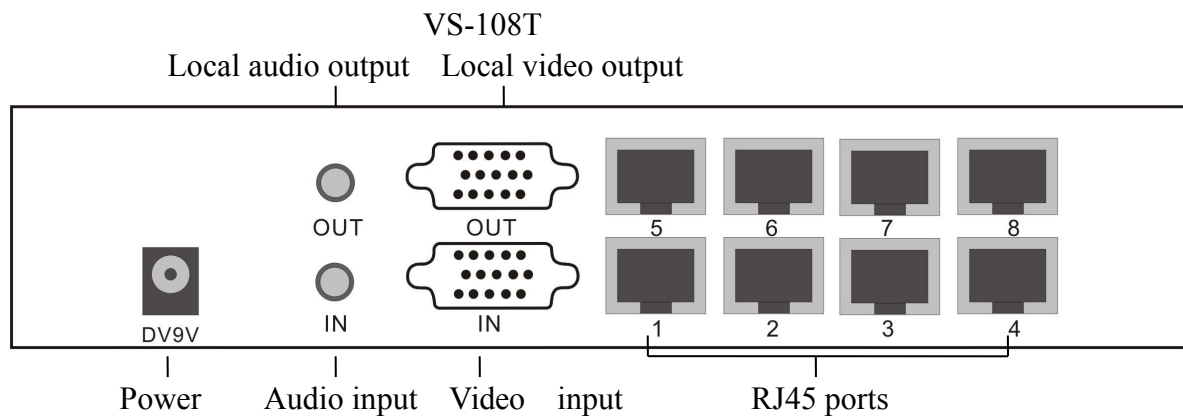
Output: RJ45 plug

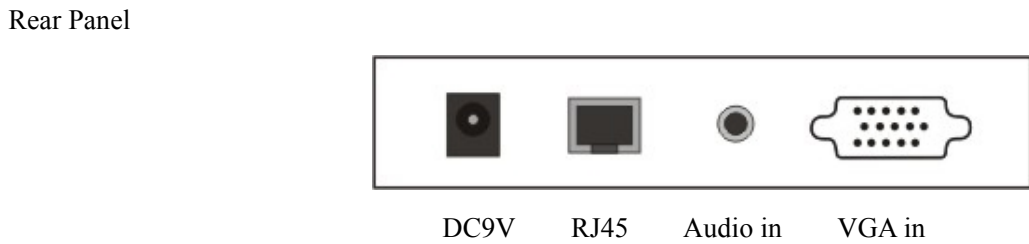
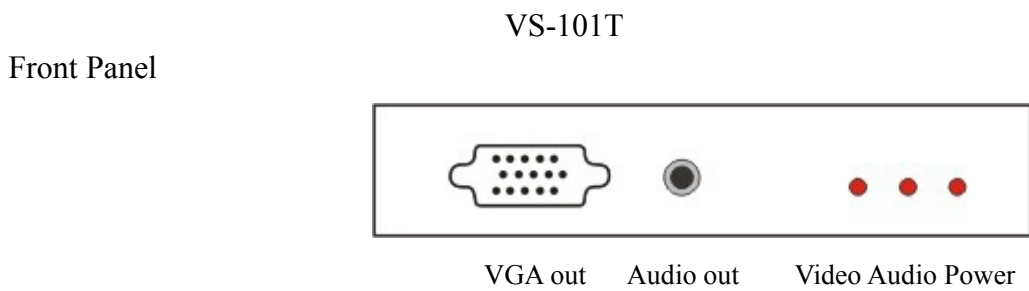
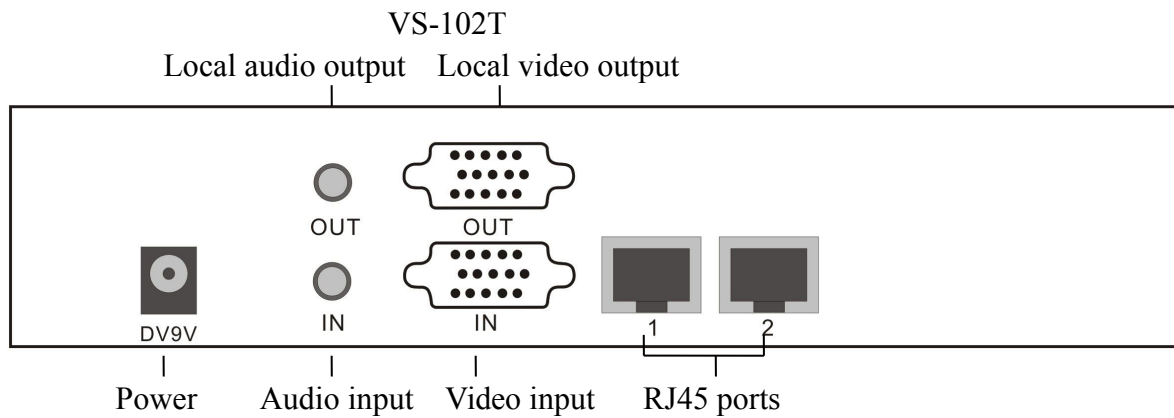
◆ Panel Sketch map:

1. Front Panel



2. Rear Panel





◆ **Technical Specification:**

Trait	Bandwidth	250MHz (−3dB) full load
		0-100MHz +0.1dB to −0.1dB
		0-130MHz +6dB to −0.8dB
	Resolution	1280 x 1024 @ 60Hz
	Brightness Color Interfere	−50dB@5MHz, −45dB@10MHz
	Differential phase Error	0.1%,3.8-4.43MHz
	Differential Gain Error	0.1,3.8-4.43MHz
Largest transmit time delay	5ns (+1ns)	
Video Signal Input	Signal type	VGA signal
	Connection type	VGA 15HDF interface input
	Minimum input level positive	0.5Vp-p

	Maximum input level positive	2.0Vp-p
	I/O impedance	75Ω
	Echo Wasting	-30dB@5MHz
	Largest DC compensate	1.5V
	Synchronous Phase-lock	0.3V-0.4Vp-p
Video Signal Output	Signal Type	VGA
	Connection Type	RJ45 interface output
	Minimum input level positive	0.5Vp-p
	Maximum input level positive	2.0Vp-p
	I/O impedance	75Ω
	Echo wasting	-30dB@5MHz
	Largest DC compensate	+5Mv-0
	Maximum Level (600Ω)	+15dBm
Spec	Power supply	AC100-240V/50Hz
	Power	DC 9V 1000mA
	Dimensions	202 x 110 x 42 mm
	Weight	
	MTTF	30000 hours

◆ **Notice:**

In order to make sure the equipment work normally, please follow the directions in installation, use and maintenance:

- 1). When installing and operating the device, please make sure proper power supply first, and then do other operations after it is initialized.
- 2). As signal and power transfer need custom cable, please use matched cable, unmatched cable may cause system work improperly or even damage the device.)
- 3). Keep airy during operation to prevent high temperature.
- 4). The equipment should be placed under a dry environment;
- 5). Please do not open the device without permission of professionals