

# 2 / 4 / 8 / 12-Port Video Splitter Series User's Manual

## Introduction

Video Splitter Series help boost and duplicate signals from a single source to two (2), four (4), eight (8), even up to twelve (12) monitors at once, sending analog signals from a distance of 120 to 180 feet. It features a bandwidth of 450MHz per port for video input and output; it's almost 60 times greater than an ordinary television.

High resolution setting of 2048 X 1536 in 24 or 32-bit true color mode will help secure the highest quality of the video images. Video Splitter Series is ideal for education, meeting, and commercial demonstration purposes.

## Features

- One video input with two, four, eight, even up to twelve video outputs
- Signal transmission distance 120 to 180 feet ( 55 meters)
- Supports SVGA, VGA, XGA, QXGA, and Multi-sync compliant monitors
- Able to Daisy-chain with multiple units to generate more outputs
- Supports 350~450MHz video bandwidth for each port
- Supports video resolutions of up to 2048 x 1536

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## Specification

Model No.	PSM-		CVM-					
	210VS	210VSGM	C21	210S	210SM1	410S	810S	121S
Graphic Standards Compliant	SVGA, VGA, XGA, QXGA and Multi-sync							
Connectors	Input	HD-15 Male		HD-15 Female x 1				
	Output	HD-15 Female						
		x 2			x 4	x 8	x 12	
Power Consumption	USB Power		DC 5V / 1A					
Video Resolution	2048 x 1536							
VGA Bandwidth	450 MHz	350 MHz		450 MHz				
Signal Transmission Distance	55 m	40 m		55 m				
Housing	Plastic		Metal	Plastic	Metal			

## Installation

1. Make sure power of PC and monitors are off.
2. Connect the PC to the input port of video duplicator / splitter using HD-15 video extension cable.
3. Connect monitors to the output of the video duplicator / splitter using HD-15 video extension cable.
4. Plug in the power adapter for the duplicator / splitter
5. Switch on the power for the PC and the monitors.

## Note:

- Always connect the lowest-resolution monitor to the DDC (Data Distribution Center) port to secure same image quality, otherwise display will get interrupted when using different resolution monitor.
- Compatible monitors include VGA, SVGA, XGA, QXGA, and Multi-sync. CGA, EGA, Mono monitors are incompatible.

## For Cascading Operation:

1. Add another video duplicator / Splitter Series when connecting for more than 12 monitors.
2. Using extension cable connect from video duplicator / splitter (A), output to video duplicator / splitter (B) input.