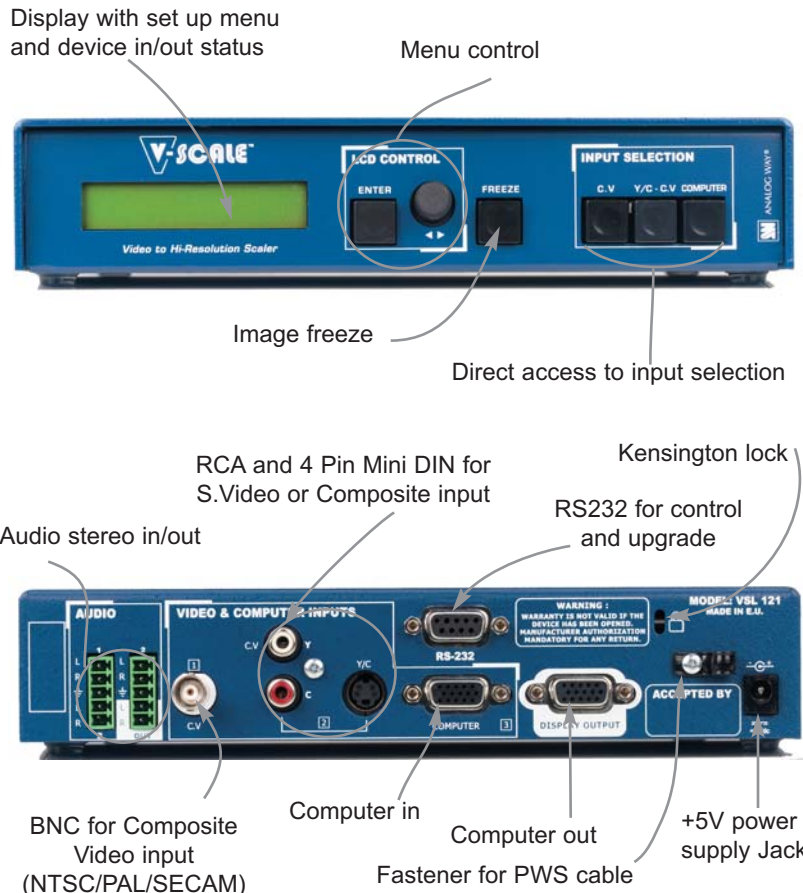# V-Scale™

V-Scale

Ref. VSL121

> Video to High Resolution A/V Scaler

> For High Resolution DLP, LCD, Plasmas and Video Projectors

> Versatile and Customizable Product

> Frame Memory for Alert Message

Display with set up menu and device in/out status

Menu control

Image freeze

Direct access to input selection

RCA and 4 Pin Mini DIN for S.Video or Composite input

Kensington lock

RS232 for control and upgrade

Audio stereo in/out

BNC for Composite Video input (NTSC/PAL/SECAM)

Computer in

Computer out

Fastener for PWS cable

+5V power supply Jack

FEATURES

- Auto switch, Computer or Video input
- Computer Analog input up to UXGA
- Aspect ratio preserved
- Frame rate converter or follower
- Auto 3:2/2:2 pull down
- Audio stereo Switcher
- RS232 com port
- Remote control software
- Freeze button
- Frame alert memory
- 1/2 19" rack case

ANALOG WAY®

TECHNICAL SPECIFICATIONS

INPUTS
1/ Composite:
- PAL/SECAM: 15.625 kHz - 50 Hz
- NTSC: 15.735 kHz - 60 Hz
2/ Composite/S.Video:
- PAL/SECAM: 15.625 kHz - 50 Hz
- NTSC: 15.735 kHz - 60 Hz
3/ Computer: RGB HV, RGBS, RGsB up to 110 kHz

> Audio Stereo for 1, 2 and 3

OUTPUT
• **For input 1 and 2**:
- Computer RGBHV, RGBS, RGsB
- Format: 640x480, 800x600, 852x480,
  1024x768, 1280x720, 1280x768, 1280x1024,
  1366x768 1400x1050, 1600x1200,
- Rate: 60/50Hz or follow on current input

• **For input 3**: same as input
  Buffered loopthrough

• **Audio stereo output**

USER CONTROLS AND CONNECTIONS
FRONT PANEL
- Input selection button
- Freeze
- LCD with control and set up menus
- H&V, position, size, contrast, hue, sharpness

REAR PANEL
- BNC = input 1
- 2 x RCA or 4 pin mini DIN = input 2
- HD 15 = Input 3
- HD 15 = Output
- DB9 = RS232 and contact closure for
  remote input selection
- Coaxial jack for power supply
- MCO connector for Audio

POWER SUPPLY
External, universal, automatic
100-250 Vac - 5 Vdc - 20W

DIMENSIONS
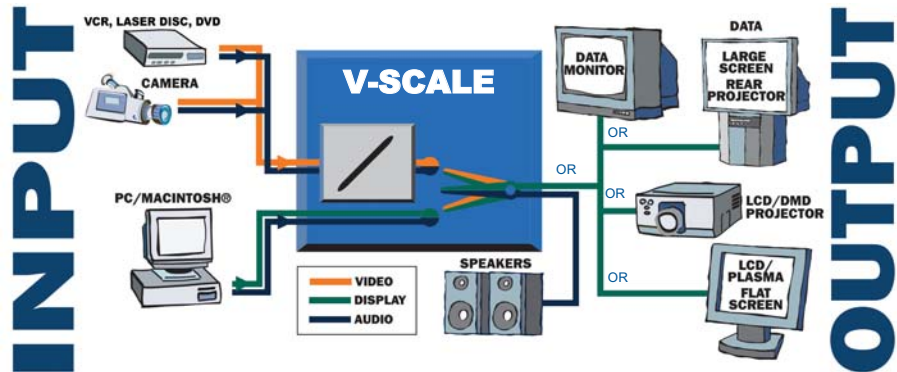D10.43" x W8.70" x H1.69"
D265 mm x W221mm x H43 mm

WEIGHT: 1.2 kg / 2.6 lbs

SUPPLIED WITH
- 1 x Power supply, wall mount
- 2 x MCO connectors (5 pins)
- 1 x Remote control software
- 1 x User manual

WARRANTY: 3 year warranty on parts and labor, back to factory

Specifications subject to change without notice

V-SCALE by **Analog Way** is a **half 19" rack compact Video Scaler**, offering multiple output resolutions up to 1600x1200. **V-SCALE** significantly improves the quality of any Video signal, providing enhanced brightness and sharpness.

V-SCALE allows Video sources (PAL, SECAM, NTSC, S.Video) to be displayed on high resolution TFT, plasma or video projectors using the Computer input.

The powerful 3D motion auto-adaptive pixel per pixel basis Scaling Algorithms by **Analog Way** provide a perfect high resolution, bright and colorful image. **V-SCALE** also eliminates flickering and movement artifacts thanks to its powerful auto 3:2 and 2:2 pull down film detection. In addition, it performs aspect ratio and frame rate conversion.

V-SCALE provides user friendly menus on an LCD display. User can easily adjust output format and image parameters through clearly designed menus.

V-SCALE offers convenient features such as full frame memory to be automatically displayed in case of loss of input sync. or as a welcome message. It will also switch automatically to a user defined source when current input signal is lost. **V-SCALE** offers as well a complete remote control through RS232 connection.

V-SCALE also features a stand-by automatic or manual mode, accessible on the front panel or with RS232.

V-SCALE provides audio/stereo switching following the Video input.

V-SCALE is the perfect device for conference room installations, where both Video and Computer must be displayed on a high resolution large screen.

REFERENCE
VSL121: V-SCALE™

OPTION
OPT-RMK2: Optional rack mounting kit (allows mounting 2 V-SCALE in 1U 19" rack)