

HIGH RESOLUTION TO XGA2, SVGA, VGA UP/DOWN CONVERTER

FOR HIGH RESOLUTION DISPLAY ON PLASMA / LCD / DMD - CAD WORKSTATION APPLICATION -
PORTABLE & HIGH LUMINOSITY VIDEO PROJECTION

TRANSVECTOR 1280™ Ref. TVCT1280

- **COMPUTER INPUT:**
Up to 1280 X 1024
- **AUTO-SCAN:** up to 75 KHz
- **OUTPUTS:** XGA2, SVGA, VGA



REFERENCE:

- TVCT1280

FEATURES:

- WORKSTATION, PC, POWER MAC®, MACINTOSH® Compatible
- Automatic Sync. processing
- Input Format Memory
- Real Time conversion

DESCRIPTION:

The TRANSVECTOR 1280™ is a professional UP / DOWN converter, allowing conversion up to 1280 x 1024 of your WORKSTATION, PC & MAC images. It converts to standard formats: XGA (1024 x 768), SVGA (800 x 600) or VGA (640 x 480). The TRANSVECTOR 1280™ is a highly cost effective tool for use with LCD, PLASMA & VIDEO WALLS. Analog Way® accomplishes this through new architecture designed into our proprietary ASIC technology.

The TRANSVECTOR 1280™ is totally AUTO SCAN, as it automatically senses input frequencies up to 75 KHz & simultaneously auto-recognizes the sync. types RGBHV, RGB & COMPOSITE. Output is down converted to XGA, SVGA or VGA in FULL SCREEN, REAL TIME and output appears as a 15 pin HD connector with RGBHV & RGB Sync. selectable.

Benefits include 16 user memories, which retain the exact format of the input, and the image adjustments you most frequently use. A compact enclosure is ideal for portable presentations and its user-friendly operation makes the TRANSVECTOR 1280™ perfect for your high luminosity display needs.

TECHNICAL SPECIFICATIONS:

INPUTS:

- COMPUTER: VGA, VESA, XGA.2, MAC, SUN®, SGI®, INTERGRAPH®, POWER MAC®, POWER PC®
- Automatic recognition of all synchronization (RGB, RGBs, RGBHV)
- Resolution: up to 1280 x 1024
- Horizontal Frequency: 31.5 KHz to 75 KHz (Interlaced or not)
- Vertical Frequency: up to 130 Hz

OUTPUTS:

- XGA.2, 1024 x 768 (48.3 KHz / 60 Hz)
- SVGA, 800 x 600 (37.9 KHz / 60 Hz)
- VGA, 640 x 480 (31.5 KHz / 60 Hz)
- Composite Sync. mode or Separated H & V

USER CONTROLS:

FRONT PANEL:

- POWER: Led
- FREEZE: Push Button + Led
- FORMAT: Format Recognition Led
- STORE: Adjustments Memory (format & image) - 16 Preset
- POS / SIZE: Image position and size control
- H / V: Horizontal and Vertical control
- XGA / SVGA / VGA: Switch to select the output format

REAR PANEL:

- GRAPHIC INPUT: Hi. Z / 75Ω
- Output Sync. Switch

CONNECTORS:

INPUT:

- COMPUTER IN: 15 pin HD male
 - Power supply connector: DIN 5
- #### OUTPUT:
- MONITOR OUT (loopthrough): 15 pin HD female
 - CONVERTED OUTPUT: 15 pin HD female

SIGNALS:

- 16 Million of colors, 8 bits R,G,B.

GRAPHIC INPUT:

- RGB: 0.7 V p/p under 75Ω
- SYNC. : H & V (TTL)
- COMPOSITE (TTL or 0.3V)
- SOG (0.3V under 75)

CONVERTED OUTPUT:

- RGB: 0.7 V p/p under 75Ω
- SYNC. : H & V (TTL)
- COMPOSITE (TTL)

DIMENSIONS:

- D11.2" x W 9.84" x H 1.57"
- D 290 x W 250 x H 40 mm

WEIGHT: 2 Kg / 5.5 Lbs.

POWER SUPPLY:

- 40W, External, Universal, Automatic
- 100 - 250 VAC; 50 / 60 Hz
- (UL, GS, CSA, CE)

SUPPLIED WITH:

- 1 x VGA M/F cable (1.8m / 6 ft)
- 1 x set of MAC (RGBS) / VGA cable adapter
- 1 x Ac main cable

WARRANTY:

3-Year warranty on Parts & Labor back to the factory

ACCESSORIES REFERENCES (OPTIONAL):

- 10017: HD15 M/F (6m / 20ft)
- 10019: HD15 M/F (10m / 33ft)

- 10022: HD15 M/M (6m / 20ft)
- 10076: HD15 M/M (10m / 33ft)

- 10084: HD15 M/M (20m / 66ft)
- 10045: Set of MAC HV / VGA adapters

- 10087: Set of SUN (13W3) / VGA adapters
- 10088: Set of 5BNC / VGA adapters

• Additional cable available, please see the cables section.