DWIN

Plasma**image**™ PRO Series

DWIN's Plasmaimage™ PRO Series offer exceptional color reproduction, life-like motion-picture performance and specially designed features for custom and professional installation.

For superior color fidelity, contrast and brightness, plasma pixels have RGB color filters encapsulated within the glass substrate. Black stripes are also embedded between each cell to enhance black levels and increase the picture contrast by absorbing ambient light.
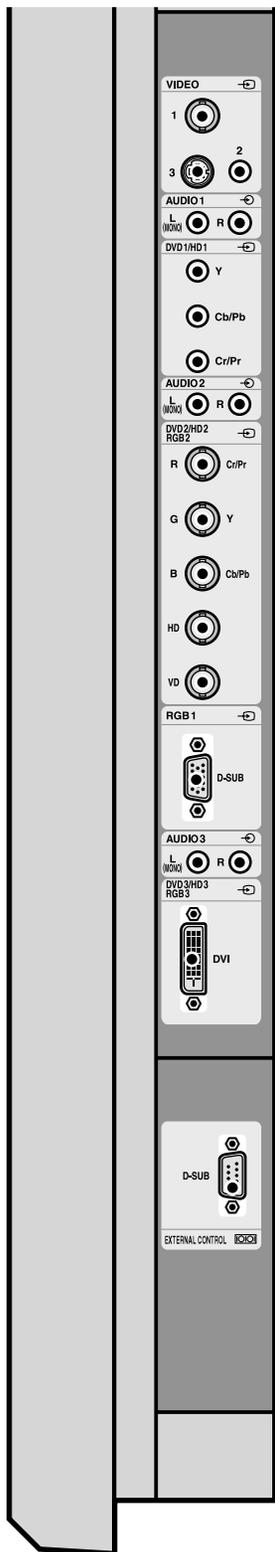
The Plasmaimage™ PRO Series features 12-bit per color processing to reproduce more than 68 billion color shades and Dynamic Luminance Control™ to further increase the peak luminance and contrast in a picture's dark scenes.

DWIN's Plasmaimage™ PRO Series displays are virtually future-proof, accepting seven digital or analog video inputs including four HD sources: one digital DVI-HDCP, two RGB analog, one component (Y/Pb(Cb)/(Pr(Cr)), one S-video and two composite. The second RGB input may be assigned to accept either RGB or Component video. The displays also have three assignable audio inputs that drive a low-distortion 8-watt per channel stereo amplifier.

Compatible with most centralized control systems, DWIN's Plasmaimage™ PRO Series have discrete IR and RS-232 codes for direct input switching and controls.

FEATURES

- Available in three sizes, 50 and 61-inch diagonal with 1365 x 768 native resolution and 42-inch diagonal with 1024 x 768 native resolution

- Individually Filtered Color Cells within each pixel to enhance contrast, brightness and picture fidelity

- Anti-Glare Screen Coating with 160° viewing angle

- Five Different Screen Saver Modes to prevent phosphor burn.

- HDTV/ DTV/ NTSC/ PAL compatible

- Picture-in-Picture (PIP) and Split screen display modes

- 5 different Aspect Ratio Controls for DVD, HD and Computer Sources

- 3:2/2/2 pull-down processing for film originated sources

- Enhanced Black Levels, color temperature and Gamma selections

- 6 Video Source Memories for custom setup and automatic recall

- 7 Video Inputs: DVI (HDCP), 2 RGB, 1 S-Video, 1 Component, and 1 Composite

- RS-232 port and control software

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PLASMA DISPLAY SPECIFICATIONS

Model Number	PRO-142	PRO-150	PRO-161
Diagonal Screen Size	42″	50″	61″
Native Resolution	1024 x 768	1365 x 768	1365 x 768
Viewing Angle	160° Vertical & Horizontal		
Audio Amplifier	8W x 2 Output Power		
Power Source	100-240V AC, 50/60 Hz		
Power Consumption	350 W	480 W	540 W
Dimensions WxHxD	40.1 x 24.0 x 3.5 in	48.1 x 29.0 x 3.8 in	57.9 x 34.6 x 4.7 in
Weight	65 lbs	96.4 lbs	134.2 lbs
Cabinet Color	Silver		
Video Standards	HDTV / DTV / NTSC / PAL		
Scanning Formats	480i, 480p, 540p, 580i, 580p, 720p, 1080i		
PC Signals	VGA / SVGA / XGA / SXGA		

INPUTS

DVI (HDCP)	DVI D
RGBHV	BNC 0.7 Vp-p / 75 ohm
Component	RCA, Y: 1 Vp-p / 75 ohm, Pb Pr: 0.7 Vp-p / 75 ohm
S-Video	4 pin Mini-Din, Y: 1 Vp-p / 75 ohm, C: 0.286 Vp-p / 75 ohm
Composite	BNC/Vp-p / 75 ohm
Composite	RCA: 1 Vp-p / 75 ohm
RGB/PC	HD-15 Pin
Serial	D-9 Pin, RS-232 Compatible
AC Power	3 Prong Receptacle

OPERATING CONDITIONS

Temperature	50° - 90° F / 10° - 32° C
Altitude	0 – 9,000 Feet

INCLUDED ACCESSORIES

- **Power Cable**
- **User's Manual**

OPTIONAL ACCESSORIES

- **Fixed 5 Degree Tilt Wall Mount**
- **Adjustable 15 Degree Tilt Wall Mount**

Specifications are subject to change without notice. DuoVision™,TransVision™, TranScanner™, PlasmaImage™ and Variable Line Multiplier™ are trademarks of DWIN Electronics, Inc. Other trademarks are the property of their respective owners and their use does not imply any endorsement.

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