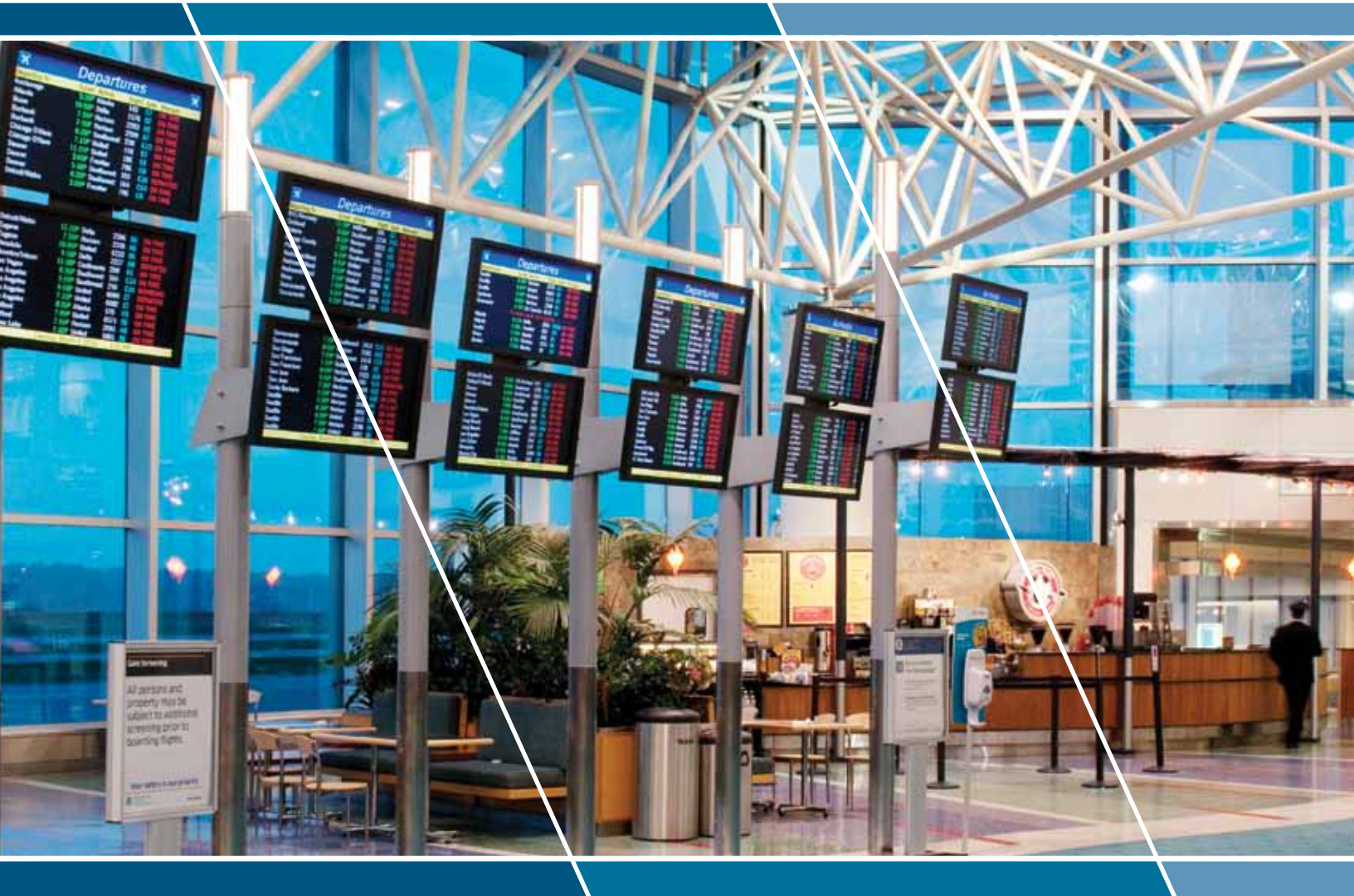




PLANAR M-SERIES LCD Displays



WHEN IMAGE EXPERIENCE MATTERS.



PLANAR IS THE GLOBAL LEADER IN SPECIALTY DISPLAY TECHNOLOGY.

Since launching the electroluminescent display industry in 1983, Planar has continued to innovate and redefine the standards for display system reliability and performance in the world's most demanding environments — where the image experience is of the highest importance.

By focusing on serving the most mission-critical specialty markets, Planar has developed breakthrough solutions for the toughest customer challenges, enabling Planar to become the leader in superior technology solutions for the industrial, commercial, home theater, digital signage and video wall markets.

Planar is headquartered in Portland, Oregon with offices, plants and facilities worldwide.

COMMERCIAL-GRADE LCD DISPLAYS FOR DEMANDING 24x7 ENVIRONMENTS.

DEMANDING ENVIRONMENTS DEMAND SUPERIOR HARDWARE.

Planar's M-Series LCD displays are designed and built for commercial applications where extended operation and ruggedized design are critical. The M-Series incorporates commercial-grade features designed to support 24x7 operation, provide extended display life and precise vibrant visual performance. These features include low temperature design, metal heat-dissipating bezel, backlight control and high reliability component design.

M-Series is a perfect fit for control room, retail signage, broadcast, corporate lobbies or public spaces. We've built the M-Series to support a wide array of source types and resolutions. Planar's proprietary electronics design offers precise mullion compensation for tiled applications and the highest level of fine grain color adjustment and temperature control.

For demanding applications, Planar M-Series LCD displays are the ideal combination of reliability, functionality, and flexibility.



ESPECIALLY SUITED FOR BROADCAST.

Planar M-Series LCD displays are ideally well-suited for broadcast applications requiring fine tune color and backlight control. M-Series displays offer an extensive range of fine gray balance control, backlight control and black balance control. With an HD-SDI input available on every M-Series display, brightness, contrast, saturation and hue control ensure visual consistency across multiple displays. These features combine to demonstrate Planar's expertise in display technology designed specifically for the broadcast market.



PLANAR M-SERIES: THE SINGLE SOURCE FOR YOUR LCD DISPLAY NEEDS.

Professional monitors for demanding environments. Choose from an array of monitors that can be configured to fit your application needs.

Planar Professional Monitors

- Commercial –grade LCD display
- Full HD 1920 x 1080 Resolution
- Ideal for Broadcast with HD-SDI connectivity
- Portrait or Landscape orientation
- Comprehensive Warranty and Support



Planar m40L and m52L Features for Signage

- Big Picture Tiling software up to 32 x 32
- Mullion compensation software built-in
- All digital loop-through
- Retail signage applications
- Tiling features for Digital Signage applications

PLANAR COMMERCIAL GRADE DISPLAYS:

WHAT MAKES IT DIFFERENT?

M-Series display is more than a television. The Planar M-Series is a line of commercial grade, direct-view LCD flat panels for high resolution applications. That means configurable I/O, mounting and network options. Compare Planar professional grade displays to commodity large screen televisions and you can immediately see the advantages of going professional with Planar M-Series displays.

CAPABILITY	PLANAR M-SERIES DISPLAYS	TV'S
Management	LAN and RS-232 control	No
Bezel	Subdued, Rugged, Tile-able	No
Support for Extended Use	Commercial-grade panel and backlight	No
Landscape/Portrait	Both: Special commercial panel and backlight design	Landscape only
Greater Brightness	Up to 700 nit	450-500 nit
Auto-Brightness Control	Ambient Backlight Control	No
Power Saver	Source-detect, Backlight sensor	No
Protective Glass	Factory Option	No
Extensive Source & Resolution Support	Over 100 modes	No
Fine Grain Color Adjustment	Color, intermediate grey, b/w levels	No
Target Color Temperature	Yes	Limited
Frame Lock	Yes: 48-62 Hz	No
Commercial Connectivity	DVI-D, Digital loop-through, HD-SDI	No
Tiling Features	Scale image over multiple displays, Mullion Compensation, Narrow Bezel	No
Warranty	3 years	1 year typical

PLANAR M-SERIES FEATURES:

	m40L	m52L	m70L
Diagonal	40"	52"	70"
Native Resolution	FHD 1080p (1920x1080)		
Brightness (typical)	700 nit	700 nit	600 nit
Bezel Width	Narrow	Narrow	Standard
Aspect Ratio	16:9		
Contrast Ratio (Typical)	3000:1	2000:1	1500:1
Response Time (Typical)	8 ms		
Viewing Angle	178 degrees		
Auto brightness control	Ambient backlight control		
Orientation	Landscape and Portrait		
Panel Quality	Commercial DID quality		
Coating	AR/AG		
Protective Glass	Optional		Not Available
Certification	Class A, RoHS		
Warranty	3 yr parts, labor and backlight. Recommended use only		
Electronics	Planar mXL		
Remote	M-Series		
Support Resolutions	Existing 175 modes. Scaling to fit, letter box, pillar box		
Color Adjustment	Target color temperatures Fine grain color-balance control Black and white level adjustments		
Panel Damage Prevention	Schedule on/off, Screen Saver		
Power Saver	Back-light off when no source detected		
Tiling Features	Big Picture Mullion Compensation		
Management	WallNet RS-232 Control		
Connections	DVI-D in DVI-D out VGA YPbPr Component Video S-Video Composite Video RS-232 in RS-232 out HD-SDI in HD-SDI out		
Mount	VESA		



PLANAR WORLDWIDE SERVICE & SUPPORT

Planar is a global company and proud of the role its products play in mission-critical environments around the world. With thousands of installations in operation across the globe, Planar supports its customers with a 24x7 worldwide service line and a global network of highly trained service technicians.

When image experience matters.

