Win at Communication in the Digital Age

Good ideas for digital communication go nowhere without great hardware. Developed to meet the specific demands of enterprises large and small, our state-of-the-art digital displays get your message across with unfailing reliability. Panasonic Signage Solutions offer unbeatable flexibility and stellar performance to make your vision a reality: engineered by professionals, for professionals.

From single displays to multi-screen signage systems, Panasonic leads in simplicity and reliability.

- **Simple Plug & Play Solutions**
  - USB Media Player

- **Integrated Solutions**
  - Multi Monitoring & Control Software
  - LAN

- **Self-Contained Solutions**
  - Built-in OpenPort PLATFORM®
  - API Cloud

Developed for the seamless monitoring and control of up to 2,048 displays simultaneously from a single PC, this free software package simplifies the management of signage networks of any size.

Our new AF1 Line has an Android™-based OpenPort PLATFORM® operating system with built-in media player to support a growing family of signage apps. Source-device connection is no longer necessary, and content can be wirelessly updated over the network by a PC.

Creating a powerful signage display is as easy as plugging in a player, inserting a USB memory device, and playing your media. Displays can be installed almost anywhere in portrait or landscape orientation.

Find a display device that best suits your needs.
General Signage

Where Elegant Form Meets Powerful Functionality

With chic design and shallow depth, Panasonic’s slim-bezel displays enhance any retail setting while maximizing every inch of screen space. Paired with free Multi Monitoring & Control Software for PC, these displays are an easily managed solution for attention-grabbing signage.

Hotels

Dependability, Versatility, and Economy

Panasonic displays include enhanced features for versatile application in hotels, resorts, and other accommodation facilities. Economical long-term operation and the ability to easily customize display content make these displays well adapted to lobbies, dining halls, and conferencing centers.

Airports

For Simple and Cost-effective Installation

Airports present a tough challenge for professional displays. As well as the ability to communicate information clearly, displays used in high-pressure environments must assure safety and system reliability in single- or multi-screen configurations. Selected Panasonic displays answer with a brilliant wide-viewing IPS panel, Failover/Fallback Protection for 24x7 operation*, and remote control for on-the-fly installations. These displays meet commercial demands for high picture quality, excellent reliability, and ease of use.

* EF, LFE, and BF Series excepted.

Reference Models

LQ Series LF Series AF Series EF Series
LFE Series LFV Series BF Series

Multi Monitoring & Control Software

Monitor up to 2,048 Devices

PC with Multi Monitoring & Control Software

LQ Series LF Series AF Series EF Series
LFE Series LFV Series BF Series

LQ Series LF Series AF Series EF Series
LFE Series LFV Series BF Series

Reference Models

INTRANET
**Indoor**

**Think Big for High-Impact Signage**

Display your promotional real estate in stunning 4K or Full HD display resolution. With minimal loss in color-saturation in bright real-lighting, Panasonic’s media solutions of reference displays are built to deliver the message with maximum impact. These displays offer maintenance enduring in portrait orientation (ideal for narrow installations spaces) and front/rear remote protective glass™ screens.

*Please refer to specification sheet for installation details.*

**Information Screens**

**Advanced Touch-Panel For Interactive Communication**

The BF1 Series offers unparalleled flexibility and features for interactive public communication, from interactive public kiosks to large digital displays. The interactive content presentation in museums or exhibition spaces. Supported by an open protocol, the 65” HD 12-point touch-panel uses familiar gesture controls to grant users quick access to information.

*Protective glass featured on LQ70, LF50 (optional), and BF1 Series.*

**Self-Contained Signage**

OpenPort PLATFORM® Power for Stress-free Custom Signage

In large malls, movie theaters, and other commercial facilities, regular signage content updates are a fact of life. This can cause problems when the displays are difficult to access or connect. The AF1 Series is a self-contained media display solution with a powerful SoC, Android™-based OpenPort PLATFORM® operating system, and apps to suit changing needs. Wireless updates and remote control make operation simpler than ever before.

**OpenPort PLATFORM®** supports applications developed and mutually checked with Panasonic by these global partners:

**Note:** As of May 2016. Listed in alphabetical order.

Reference Models

- LQ Series
- LF Series
- AF Series
- EF Series
- LFE Series
- LFV Series
- BF Series

**Note:** Please refer to specification sheet for installation details.

**Commercial Facilities**

**04**
Drive-Thru Displays
For Simple and Cost-effective Outdoor Installation
Certified to IP55 weatherproofing standards and outputting 2,000 cd/m² for bright visibility in direct sunlight, the native LFX Series is built for hard-work day in, day out at Drive-Thrus and QSRs. Thanks to DIGITAL LINK, video and control signals are transmitted for distances of up to 100 m (295.3 ft) via single CAT 5e cable, significantly reducing initial installation cost and complexity.

Digital Menu Boards
Easy-to-Manage, Streamlined Operation to Boost Sales
Digital signage displays in restaurants the opportunity to display an ever-changing variety of menu items, drawing in traffic and boosting sales. Multi Monitoring & Control Software enables control to strip ready messages and schedule much more on a single screen for network of screens at different times of day, all from a single PC.

Installation Versatility
Beautiful Large-format Images Almost Anywhere
A big increase in customer numbers through drive-thru or self-service kiosk reception is a breeze. For bare-bones installations, the ET-DLE600 Ultra-Short-Throw Lens to selected Panasonic® 7-Series projectors delivers 100-inch image from just 62 cm (24.4 in) away, or for similarly outstanding performance, compact ultra-reliable large-format display for punchy pictures in portrait or landscape orientation.

Department Stores
LFX Series
AF Series
EF Series
LFE Series
BF Series
Reference Models
RZ660 Series
DZ870 Series
DZ780 Series
Drive-Thru Displays

- Panasonic 1-Chip DLP™ projectors
- Ultra-Short-Throw Lens (optional)
- Digital Menu Boards
- Easy-to-Manage, Streamlined Operation to Boost Sales
- Installation Versatility
- Beautiful Large-format Images Almost Anywhere
- Drive-Thru Displays
- Reference Models
**Restaurants and Cafes**

From cozy cafes to bustling sports bars, a quality display creates the ambiance needed to attract patrons for longer. Available in a range of screen sizes to suit space and budget, these slim-line panels feature a built-in media player for plug-and-play presentations via USB and a wealth of standard inputs. All are designed for efficient long-term commercial use.

**Video Wall Displays**

Seamless and Modular Video Wall Installations

No fashion show, music festival, or corporate event is complete without a dazzling video wall display. The LFV Series is part of a front-to-back video-wall solution for up to 30 x 30 panels, which was developed by Panasonic to simplify and expedite installation. It includes 8-bit or 10-bit panels, a dedicated mounting system, multi-screen video syncronization, and will sport a standard set of options to upgrade it and complete the look.

**Projector Mapping**

Transform Ordinary into Extraordinary

Panasonic has deep technical experience at all levels of the market, and particularly in the development of projection systems for large events, exhibitions, and trade shows. Our 3-Chip DLP™ projector range is the preferred choice of staging and rental professionals, with up to 25,000lm and industry-leading geo-adjustment and multi-projector software for indoor/outdoor mapping applications.

**USB Media Player Updatable Over LAN**

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Display 1

Display 2

Display 3

Display Highlights

Beautiful Pictures and Stylish Designs

- Stunning 4K Quality, Right Down to the Details
- Cloning Function Saves Time
- When Setting Up Multiple Devices

- Creating the Right Ambience in High-End Showrooms
- 3D LUT (Look-Up Table) enables stunning color reproduction in dim or bright lighting conditions.

- There’s no better way to communicate brand values and create a positive, emotionally charged environment than with an AV solution exclusively adapted to showroom applications.

Walk-Angle Visibility

- IPS (In-Plane Switching) panel technology maintains color accuracy, clarity, and detail when the image is interpreted messages for a longer window of time.

- Selected displays can be installed vertically to suit individual space requirements. Tilt installation forward or backward is also supported.

Clear and Simple Communication

- Accessory Kit includes Video Wall Manager Software and Auto Camera Adjustment Kit for optimal operation.

- Auto Camera Adjustment Kit enables brightness and color calibration of multiple displays automatically using a compatible camera (Nikon D5200/D5300/D5500).

USB Media Player for Stress-free Custom Signage

- USB Media Player is a simple and compact solution with a powerful SoC, Android™-based OpenPort PLATFORM® operating system, and support for fine-tuning of individual content, color-schemes, and lighting environments for an optimal imaging performance.

- Selected display series include a USB media player. Simply insert a USB memory device to display content without need of a set-top box. Both video and still images can be displayed, allowing for customized signage content.

- The AF1 Series is a self-contained media display solution with a powerful SoC, Android™-based OpenPort PLATFORM® operating system, and remote operation via Monitor Calibration Kit and Multi Media Player.

- Multi Media Player supports a wide range of apps to suit changing needs. Wireless updates and remote control make operation simpler than ever before.

Video Wall Manager Software and Auto Camera Adjustment Kit

- Video Wall Manager Software provides scalable solution with a powerful SoC, Android™-based OpenPort PLATFORM® operating system, and support for fine-tuning of individual content, color-schemes, and lighting environments for an optimal imaging performance.

- Selected display series feature an extensive range of display modes, such as Vivid Signage, Natural Signage, and Graphic to suit different content, video sources, and lighting environments for optimal imaging performance.

- Multi Media Player supports a wide range of apps to suit changing needs. Wireless updates and remote control make operation simpler than ever before.

Color Universal Design (CUD)

- Color Universal Design (CUD) featured on BF1 Series displays ensures that colors are compatible with the unique vision requirements of millions of people living with color-vision defects.

- Color Universal Design (CUD) is a technology that allows you to create content in a way that respects a user’s unique vision requirements. It ensures that colors remain consistent across different devices and environments, making it easier for everyone to see the content accurately.

- BF1 Series displays support CUD, ensuring that colors are accurately represented for users with color-vision defects.

Reinforced Walls and High-Quality Sound

- Built for Continuous 24/7 Operation
- High-Quality Sound: Panasonic’s proprietary Sound Retention Technology ensures that there is no sound leakage, allowing for a superior listening experience.

Enhanced Reliability

- Built for Continuous 24/7 Operation
- User-friendly, high-quality electronic controls enable easy adjustment of settings and remote monitoring.

- Built for continuous 24/7 operation, Panasonic displays are designed to withstand the rigors of high-volume usage in demanding environments.

- The near-invisible bezel width on LFV70/60/6/5 Series video wall series displays reduce bezel-to-bezel distance to just 3.5 mm (bezel-to-bezel distance for LFV5 is 4.9 mm).

- Video Wall Manager Software provides scalable solution with a powerful SoC, Android™-based OpenPort PLATFORM® operating system, and support for fine-tuning of individual content, color-schemes, and lighting environments for optimal imaging performance.

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### Laser Models

#### XGA

5

#### WXGA

116

### Failover and Failback Safeguards

Flexible Installation

Video Wall

### Flexible Installation and Integration

**Durable Laser Optical Engine for Continuous 24-hour Operation**

Selected SOLID SHINE Laser models feature a failsafe laser light-source redundancy circuit makes the reduction in brightness and color uniformity almost imperceptible in the event of laser diode failure, making these models ideal for mission-critical applications. Further, brightness calibration easy via network. Optional ET-UK20 Upgrade Kit plug-in software for Geometry Manager Pro includes creative masking, uniformity correction, and more. ET-CUK10*

### System Daylight View for Enhanced Color Perception

An(Optional) for TH-80BF1 TH-65BF1 TH-50BF1 Display modes boast a quick-start ideal for wireless presentations, frequent laser beam for mission-critical, and a focused outdoor setting, use LFX60/6N series is built for cabinets environments, such as use in high-traffic areas such as train stations, airports, and airports. Protective glass models high-traffic areas such as train stations, airports.

### Whiteboard Function

**BF** Series designed to be a quick-start for wireless presentations, frequent laser beam for mission-critical, and a focused outdoor setting, use LFX60/6N series is built for cabinets

### Optional Ultra-Short-Throw Lens

For ultra-short throw, a 1-Chip DLP™ projectors to reduce projection distance. 3-Chip DLP™ Projectors to reduce projection distance. TH-60BF1 TH-50BF1 TH-40BF1

### Whiteboard Function

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