



INFINITE POSSIBILITIES

Infinity HB2-SMD is a high bright, vibrant, LED display with all-weather performance. The optimized playback and higher resolution options create unforgettable visual experiences.



Innovation in Light™

INFINITY HB2-SMD

OUTDOOR DISPLAY TECHNOLOGY



±8,000 NITS HIGH BRIGHTNESS

X16 Brighter than an LCD TV¹. View in full daylight and dimmable at night.

¹Select Models. Based on LCD TV avg. 500 NITS.

6-13MM

PIXEL PITCH OPTIONS

IP65 SMD tiles,
281 trillion colors

²Approximate



IP65 FRONT/IP54 REAR ALL-WEATHER TESTED

UV, salt-mist, vibration,
± temperature, voltage,
and x2 waterproof tested.



XL SMD LOUVER³

XL SMD louvers block more
sunlight than standard SMD
louvers, creating greater
visual impact.

³(HB) SMD TILES ONLY.



DIAGNOSTIC UTILITY⁴

Display, power, data, tile, and
pixel* health alerts sent by
email or online on demand.

⁴Optional. ⁵Additional fee. Internet service required.



OPTIMIZED VIEWING EXPERIENCE

±3840 Hz, 60 FPS smooth,
full motion, camera-ready,
video playback



CONNECTIVITY

Network with, Ethernet,
wireless⁵, WiFi⁵, Fiberoptic⁵,
or cellular⁵ technology.

⁵Optional



FRONT SERVICEABLE

Front service allows for
fast, easy maintenance.



CLOUD-BASED SOFTWARE⁶

Control, network, and
diagnose displays from
anywhere.

⁶Optional internet service required.

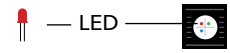


5 YEAR WARRANTY⁷

5-Year parts and in-
factory labor. 10-Year
parts availability.

⁷Standard warranty.

INFINITY HB2-SMD



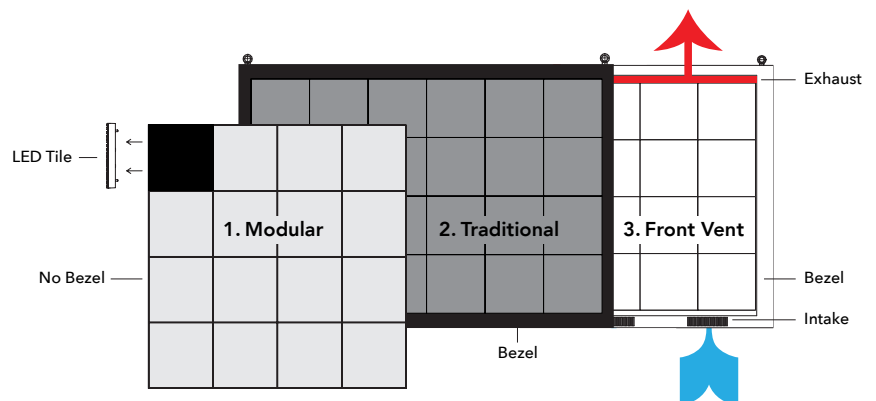
SMD* Pixel
(1R:1G:1B LED in 1)
*Surface Mounted Diode

OUTDOOR DISPLAY TECHNOLOGY

| Display | | | Enclosure | |
|--|----------------------------|-------------------|---|------------------------|
| Pixels (mm) | Brightness (Nits) | Tile Matrix (HxW) | Cabinet Design Options <small>(See available configurations chart for details)</small> | Cabinet Serviceability |
| 6.67 | 9,500* / 8000 (Calibrated) | 36x48 | Modular ¹ ; Traditional ² ; Front Vent ^{2,3} | Front or Rear** |
| 8 | 9,500* / 8000 (Calibrated) | 30x40 | Modular ¹ ; Traditional ² ; Front Vent ^{2,3} | Front or Rear** |
| 10 | 9,500* / 8000 (Calibrated) | 24x32 | Modular ¹ ; Traditional ² ; Front Vent ^{2,3} | Front or Rear** |
| 13 | 9,500* / 8000 (Calibrated) | 18X24 | Modular ¹ ; Traditional ² ; Front Vent ^{2,3} | Front or Rear** |
| Color 281 Trillion Colors | | | Cabinet Construction Aluminum | |
| Viewable Angle 160° Horizontal; 100° Vertical* | | | Cabinet Ventilation Front* or Rear | |
| Contrast Enhancement Louver* w/ Light Reflection Design | | | Waterproofing (Front/Rear) IP65/IP54 | |
| Dimming 100 Levels | | | Manufacturing Quality Standard ISO 9001 | |
| Average LED Lifetime ±100,000* Hours | | | Electrical & Operating Requirements | |
| Color Processing 16-Bit Grayscale | | | AC Power 120/208/240 VAC 60 Hz. | |
| Color Temperature 6500K, (Adjustable) | | | Operating Temp. / Humidity ± - 20°~140°F / +10~90% | |
| Graphic & Video Support | | | Diagnostics* | |
| Display Capability Video*, Graphic, Text | | | Remote / Email Display, Power, Data, Tile, Pixel** | |
| Video Frame Rate 60 FPS | | | Software | |
| Refresh Rate +3840Hz (Adjustable) | | | PC / Cloud-Based M.E. Pro Plus; DNET 3.0*; M.E. Cloud* | |
| Communication | | | Limited Warranty & Service | |
| Communication Ethernet, Wifi*, Wireless*, Fiber Optic*, Cellular* | | | Warranty 5-Year Parts & In-Factory Labor* | |
| Signal | | | Certifications | |
| Redundant Data¹, Power² | | | Hardware | |

3 CABINET DESIGNS

INF HB-SMD features three cabinet designs. Out modular (1.) outdoor products feature more pixels (higher resolution) than the traditional (2.) bezeled cabinets. They also allow for greater flexibility and larger scale design possibilities. Finally, the front vent (3.) cabinet is engineered for select outdoor installations with rear ventilation limitations.

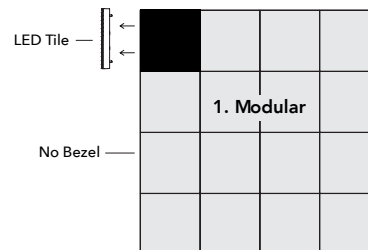


INFINITY HB2-SMD

OUTDOOR DISPLAY TECHNOLOGY

Available Modular Configurations

Modular cabinets are combined like “Lego” blocks to form a complete sign. The cabinets ship ready to install and feature continuous angle iron built to specification.



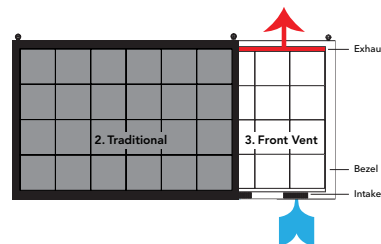
| Display | | | Enclosure | | | | | | |
|----------------------|-------------------------------|-------------------|--------------------------------|-----|--------------------------|-------|-------------------------|-----------------------|--------------------------|
| Pixels (mm) | Brightness (Nits) | Tile Matrix (HxW) | Module Resolution Pixels (HxW) | | Cabinet Size (inch)(HxW) | | Cabinet Depth (Inch)(D) | Cabinet Weight (lbs.) | Cabinet Power Min. (WxH) |
| 6.67 ^(HB) | 9,500* / 8000 (Calibrated) | 36x48 | 108 | 144 | 28.35 | 37.80 | 6.7 (MOD) | 79* | 480* |
| | | | 108 | 192 | 28.35 | 50.40 | | 7.87 (T/FV) | 105* |
| | | | 144 | 144 | 37.80 | 37.80 | 140* | | 830* |
| | | | 144 | 192 | 37.80 | 50.40 | 130* | | 779* |
| | | | 180 | 144 | 47.24 | 37.80 | 174* | | 1058* |
| | | | 180 | 192 | 47.24 | 50.40 | | | |
| 8 ^(HB) | 9,500* / 8000 (Calibrated) | 30X40 | 90 | 120 | 28.35 | 37.80 | 6.7 (MOD) | 79* | 480* |
| | | | 90 | 160 | 28.35 | 50.40 | | 7.87 (T/FV) | 105* |
| | | | 120 | 120 | 37.80 | 37.80 | 140* | | 830* |
| | | | 120 | 160 | 37.80 | 50.40 | 130* | | 779* |
| | | | 150 | 120 | 47.24 | 37.80 | 174* | | 1058* |
| | | | 150 | 160 | 47.24 | 50.40 | | | |
| 10 ^(HB) | 9,500* / 8000 (Calibrated) | 24X32 | 72 | 96 | 28.35 | 37.80 | 6.7 (MOD) | 79* | 462* |
| | | | 72 | 128 | 28.35 | 50.40 | | 7.87 (T/FV) | 105* |
| | | | 96 | 96 | 37.80 | 37.80 | 140* | | 798* |
| | | | 96 | 128 | 37.80 | 50.40 | 130* | | 750* |
| | | | 120 | 96 | 47.24 | 37.80 | 174* | | 1020* |
| | | | 120 | 128 | 47.24 | 50.40 | | | |
| 13 ^(HB) | 9,500* / 8000 (Calibrated) | 18X24 | 54 | 72 | 28.35 | 37.80 | 6.7 (MOD) | 79* | 462* |
| | | | 54 | 96 | 28.35 | 50.40 | | 7.87 (T/FV) | 105* |
| | | | 72 | 72 | 37.80 | 37.80 | 140* | | 798* |
| | | | 72 | 96 | 37.80 | 50.40 | 130* | | 750* |
| | | | 90 | 72 | 47.24 | 37.80 | 174* | | 1020* |
| | | | 90 | 96 | 47.24 | 50.40 | | | |

(HB) XL SMD Louver & Black Mask. *± 5%

*Min. Cabinet Size 2h x 4w. Front Vent: Maximum 7h cabinet.

Available Traditional & Front Vent* Configurations

Traditional and Front Vent* cabinets are built to specification. For cabinet size, weight, and total resolution, please contact your Optec dealer or sales consultant.



*Custom. Modular design only. For details, contact your Optec dealer or sales consultant. (HB) XL SMD Louver & Black Mask. *± 5%

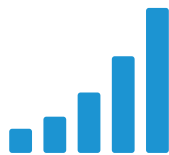


CELLULAR SERVICE

CELLULAR SERVICE & NETWORK CONNECTIVITY

Optec's turnkey cellular solution* enables a dedicated secure connection with remote/cloud access to your LED display. Eliminate complicated network setup and wireless interference, and gain greater display installation flexibility.

Our displays can really hear you now.



CELLULAR PACKAGE

Package includes all communication hardware (cell modem + antenna), Static IP activation fee, configuration, installation, and selected data plan service (1-year, multi-year, or lifetime¹).

Cellular connectivity benefits:

- Faster Installation
- Sign Location Flexibility
- No Cable Runs
- Fully Configured
- No Networking & WiFi Setup
- Eliminates WiFi Interference
- Dedicated Secure Connection
- Cloud-based Networking
- Clean Sign Appearance



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1700 S. De Soto Place, Ontario, CA 91761 USA
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www.optec.com

*Select models only. Additional service fee. Terms & Conditions apply. Optec may amend the plan (including but not limited to adding or removing eligible models, varying or withdrawing the plan from time to time without notice. ¹Lifetime: The full lifespan of the display (i.e. until the display is written off, or is otherwise permanently not functional as Optec may determine). Nontransferable. Modem: 1-Year mfg. warranty. Verizon Wireless coverage and services not available everywhere. See Verizon Wireless coverage map for more information. Terms subject to change. Verizon, Verizon Wireless, the Verizon logo, and all other Verizon marks contained herein are trademarks of Verizon Wireless and/or Verizon affiliated companies.

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Dashboard

Location Groups Filter by Sort Map Live Feed

| Locations | | | |
|-------------------------------------|-----------------|-----------|-------|
| <input checked="" type="checkbox"/> | Venice, CA | Site #101 | 30025 |
| <input type="checkbox"/> | Las Vegas, NV | Site #102 | 80101 |
| <input type="checkbox"/> | Los Angeles, CA | Site #103 | 90017 |
| <input type="checkbox"/> | Pittsburgh, PA | Site #104 | 15212 |
| <input type="checkbox"/> | Chicago, IL | Site #105 | 34525 |

SKY'S THE LIMIT
Introducing M.E. Cloud. Innovative tools for networking, scheduling, and content creation, built around a modern user interface that's designed to deliver content quickly and effectively from anywhere.

Venice, CA - Site #101 Contact: Tina Smith

Sign Status **✓**

Current Temperature **65°**

Current Brightness **3000 nits**

Content

| Content Approval | | |
|--------------------------|-----------------------|------|
| <input type="checkbox"/> | Soda Ad Image | View |
| <input type="checkbox"/> | Ice Blast Ad | View |
| <input type="checkbox"/> | \$1.00 Menu Animation | View |



M.E. CLOUD

CLOUD-BASED SOFTWARE

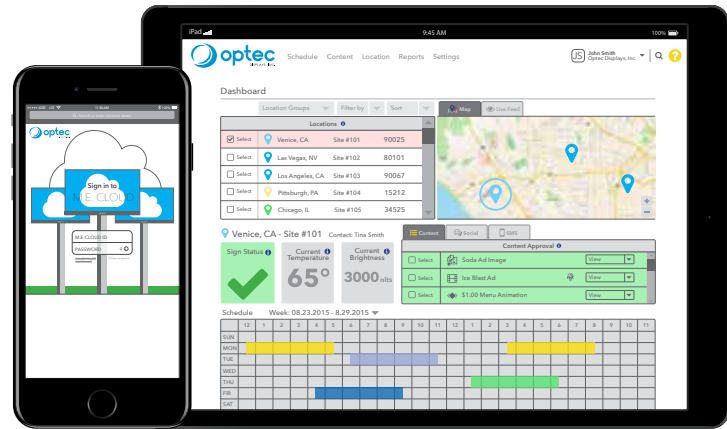
| | | | | |
|---|---|---|--|---|
| LOCATION MANAGEMENT Create, edit, and view each display location. View display schedules, messages, and status. | CONTENT MANAGEMENT Upload content for one or multiple display sizes and content types. | CONTENT CREATION Create, import, layer, edit, manage and preview with intuitive content creation tools. | LAYERED CONTENT Layer content to create messages with impact. Key text over images, animations, and video. | BUILT IN APPS Display customized time, temperature, date, numerals/characters, and more. |
| QUICK MESSAGE Schedule content to one or multiple locations in four quick steps. | CAMPAIGN SCHEDULING Schedule or create campaign templates built around 24 hour or day part play back. | DISPLAY CONTROLS Control, network, and adjust displays and settings. | USERS AND USER ROLES Create and manage users. Assigned user roles allow for different access levels. | SECURE CONNECTION SSL technology is used to establish an encrypted link between web browser and server. |

M.E. CLOUD

CLOUD-BASED SOFTWARE

M.E. Cloud is a cloud-based software allowing access to users on-demand, via Internet access, to manage their display. Use a web browser on a computer, mobile phone, or tablet to network, schedule, create and manage content quickly and effectively from anywhere.

*Internet access required.



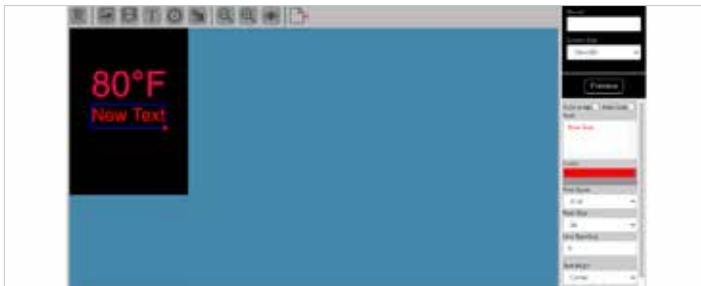
ADVANCED SCHEDULING

Schedule down to the minute for one or multiple displays. Create, edit, and preview schedules. Group scheduling, day part scheduling, and view display communication status.



LOCATION MANAGER

Create and manage display locations. View locations on a map. Setup display locations prior to physical installation and be ready to send content as soon as it goes live.



CONTENT MANAGER

Easily manage your content library. Upload one or multiple media types. Create layered content with intuitive creation tools and built in apps.



DISPLAY CONTROLS

Control, network, and adjust displays and settings. Monitor and adjust display connectivity, temperature, and brightness.

Display Requirements

| | |
|---|----------------------------------|
| Required Connectivity | Internet Access |
| Minimum System/Device Requirements | |
| Required Processor | 1GHZ Processor or Faster |
| Required Memory | 1GB RAM |
| Required Hard Disk Space | Up to 2GB Available |
| Required Video Card | Intel® HD Graphics 520 or Better |
| Required Connectivity | Internet Access |

Software Information

| | |
|-------------------------|-------------------------------|
| Version | V 3.3 |
| Browser Compatibility | IE8+, Chrome, Firefox, Safari |
| Browser/Server Security | Software-Based Authenticator |
| Password Protection | 10 Character Minimum |
| Media | JPG, PNG, MP4, AVI, WEBM |
| Languages | English |
| Rating | 4+ |



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www.optec.com

Successful advertisement starts with good ad design

Digital outdoor advertising has higher recall than radio, magazine and newspaper advertisements, but designing advertisements for digital signs can be challenging. Traditional ads require ad content to be delivered in a single design. Digital advertisement allow you to display several messages in a series of rotations. Optec signs deliver incredible visual performance that can display your logo and branded corporate graphics in vivid color and brilliant clarity.

Optec's creative content experts will work with your marketing team to create messages that meet your company's advertising goals.



SEASONAL

Target your messages to a particular audience at specific times of the day to promote your seasonal sales or events.



INDUSTRY THEMES

Content packages can include up to 5 animations (10 seconds each in duration) or still images. Packages can be customized to your industry or market.



CUSTOMIZED

Our graphic team will work with your marketing team to create beautiful, eye-catching sign content.

CONTENT CREATION SERVICES

| | STATIC | ANIMATED |
|--|--------------------------------|--|
| Individual Custom Content | \$25 each | \$50 each |
| Monthly Package (5 each month) | \$100 a month (\$20 each) | \$200 a month (\$40 each) |
| Annual Package (5 each month) | \$75 a month (\$15 each) | \$150 a month (\$30 each) \$1,800 annual |

CONTENT DELIVERY MANAGEMENT SERVICES

Monthly or Bi Weekly updates \$120 / Month per account

- ✓ Includes initial schedule template setup
- ✓ All approved content files to be uploaded and approved one week prior to predetermined update

* Requires Cellular Communication

Thank you for your recent LED display purchase.

We realize that every user has different preferences for learning. With that in mind, Optec provides different options to make it easier than every to learn how to use your new digital sign. In addition to one-on-one 1st time setup training, we offer additional training via manual, videos, and live interactive educational webinars.

ONE ON ONE 1ST TIME SETUP WEBINAR:

Please schedule your 1st time setup appointment at optechd@optec.com

MANUALS



(Click to download)

[MEPro Plus Manual](#)
[Media Editor Cloud v3 Quick Overview](#)

VIDEO



(Click to view)

[Software Training Videos - Optec Displays Inc](#)

WEBINARS



(Click to register)

[ME Pro+](#)
[Tuesdays](#)
[Thursdays](#)

[ME Cloud](#)
[Mondays](#)
[Fridays](#)

We're here to help.

Our Optec customer care specialists are available at your convenience Monday through Friday from 6am to 5pm PST, to answer any questions or concerns via phone, email and live chat. Weekend and off hours support is available upon request. We offer a diverse range of support that will gladly assist with any technical or 1st time setup inquiries. Regarding any necessary troubleshooting assistance, our in-house Help Desk will respond quickly and meticulously. For additional support, we are also available on weekends by appointment.

We cover rapid outbound shipment and ground return for all warranty parts. Parts are shipped out to the requesting sign company within 24 hours when requested by 3 p.m. PST.

10 YEAR PARTS AVAILABILITY GUARANTEE

Optec Partners/End Users

Five easy ways to assist:



Call: Dedicated US based live support line
866-672-6871 ext 2



Web Request: <https://optec.com/support-contact/>



Live Chat @www.optec.com



Email at:
optechd@optec.com



Schedule an Appointment: <https://optec.com/support-contact/>



Whenever you contact Optec for support, please be prepared to provide your sign SO#, project name and location.