



21.5" BrightSign Built-In Finished LCD Screen

BrightSign Built-In displays provide a simple, compact solution for digital signage designed to save time and effort by simplifying your installation, from the sleek, fully enclosed VESA mountable design to optional Power over Ethernet. Connect GPIO, serial, or Analog/Digital sound for a truly immersive interactive experience.

BrightSign is a powerful tool to create robust digital signage for retail displays, restaurant boards, museum exhibits, conference schedules, education, healthcare, and more. No matter your application, save time and expense when you **Harness the power of BrightSign with Bluefin.**



Specifications

Model Numbers:

Non-Touch: 20-3004-1074

Non-Touch PoE: 20-3004-1116

Touch: 20-3004-1037

Touch / PoE: 20-3004-1117

Display

- 21.5" LCD
- Resolution 1920x1080
- Maximum Brightness: 300 nits
- Viewing Angle: 89/89/89/89
- Contrast: 3000CR
- Optional Capacitive Touch

Audio

- Stereo 3W Internal Speakers
- 3.5mm Audio Out (Analog and Digital)

Storage

- Micro SD Slot
 - SDHC up to 32GB
 - SDXC up to 2TB

Network

- RJ45 Ethernet
- M.2 (E) Keyed Wi-Fi/Bluetooth Connector

Input / Output

- 2x USB 2.0
- Phoenix GPIO (4-pin bi-directional terminal block)
- 3.5mm RS-232 Serial Port
- J10: DC 12v 6 pin Power Out
- 3.5mm BrightSign Remote Control Input

Power In

- DC Molex 4-pin Input
 - Input: 100-240V~ 50/60Hz 0.6A Max
 - Output: 12V, 2A
- Optional Power over Ethernet
 - 802.3bt (PoE++) Minimum Requirement
 - Requires appx. 48W

Mounting

- VESA M4x8, 100x100mm

Media Formats

- Video Codecs
 - H.265, H.264 (MPEG-4, Part 10), MPEG-2, MPEG-1
- Video Containers
 - .ts, .mpg, .vob, .mov, .mp4, .m2ts, .wmv
- Images
 - BMP, JPEG, PNG
- Audio
 - MP2, MP3, AAC, WAV
- HTML5 (Moderate Usage)

BrightSign Features

BrightBeacon™: 2-way Bluetooth/Beacon communication between mobile devices & signage

BrightWall™ : synchronized playback across multiple displays

Zones: playback multiple content types on a single screen

Mosaic Mode: simultaneously play a multitude of smaller resolution videos that add up to the maximum video resolution of the player

Tagging: BrightSign Network users can assign media and player tags for highly targeted content distribution

BrightSign App: update signs with an iOS device

Geo-Fencing: trigger playback based on location (requires USB dongle)

Remote Snapshot: remotely view a snapshot image of the display's playback

BrightPlates™: easy template-based sign creation service

B-deploy: A setup feature to deploy many players at once