



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 (POE+). 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

Touch: 20-3004-1037

Display

- 21.5" LCD
- Resolution 1920x1080
- 60Hz Progressive
- Maximum Brightness: 300 nits
- Viewing Angle: 89/89/89/89
- Maximum Contrast: 3000CR

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, 4A

Mounting

- VESA M4x0.8, 100x100mm

Optional

- Capacitive Touch
- Power over Ethernet (POE+)
- Wi-Fi/Bluetooth Module

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