PF22H1B-CT All-In-One Commercial LCD Interactive Touch Solution

Engaging audiences has never been easier – introducing Avnu's new PF22H1B-CT all-in-one 10 point capacitive touch digital signage solution with BrightSign built-in. This highly reliable display offers a cost-effective solution ideal for retail, entertainment, public spaces, restaurants, and more. Our robust full HD 1080p display is powered by BrightSign, the industry leader in digital signage media players and software. The integrated BrightSign HD3 Series player delivers flawless Full HD 1080p60 single video decoding, HTML 5 support, networked content playback as well as an abundant set of features such as interactivity via the GPIO port, remote snapshot, live text, media feeds and multi-zone, etc. Effortlessly create presentations with BrightSign's free BrightAuthor software and never see a blue screen again.

*Shown attached to a counter top base kit.

KEY FEATURES

BrightSign built-in Performance
Powered by an integrated robust and feature rich BrightSign HD3 Series player which eliminates the need for an external PC and cables creating a clutter free environment and lower equipment & maintenance cost.

Capacitive Touch
Engage your audience with 10 simultaneous points of interaction. Easily add touch interactivity using simple drag and drop tools in BrightAuthor.

Free BrightAuthor Content Management Software
BrightAuthor is a PC software application for BrightSign that makes creating, publishing and managing interactive BrightSign presentations simple and dependable.

Industrial Ultra Slim Design
A sleek, stylish yet rugged design, with simple installation and maintenance, offers a perfect all-in-one solution for today's marketplace.

Interactive Device Controls
Trigger playback from virtually any type of interactive device you can dream up! barcode scans, motion sensors, RFID, GPIO and USB button controls, IR remote controls, serial devices, keyboards, mice and more. Easily create Interactive Playlists using the Free BrightAuthor PC software.

Technical Specifications

Display & Sound

- 21.5" LCD with 16:9 aspect ratio
- 10 points multi touch (Capacitive)
- 450 nits maximum brightness
- 1920x1080 high resolution @ 60Hz
- View Angle: 178° x 178°
- Built-in Stereo Speakers 2watt x 2
- Anti-fingure print oleophobic coating
- Metal commercial construction
- Impact resistant hardened glass face

Connectivity

- Optional Wi-Fi/Bluetooth Module (M.2 (E) Keyed Connector)
- Ethernet
- 3.5mm audio out (analog)
- USB 2.0 x2 (also supports content updates)
- Phoenix GPIO Port (4pin bi-directional terminal block)
- 3.5mm RS-232 Serial Port
- 3.5mm IR In/Out

Local Storage

- External micro SD Slot (SDHC & SDXC); SDHC storage up to 32GB SDXC storage up to 2TB

Mounting

- VESA compatible 100x100(mm)

Power

- Input: 100-240V, 50-60Hz, 0.5A Max.
- Power: 40W
- Output: 12V, 2A

Environmental

- Operating temperature: 5° to 40°C, humidity 10% to 85%
- Storage temperature: -20° to 55°C, humidity 5% to 95%

Dimensions Product & Package

- Product Size
    553.4mm (W) x 345.4mm (H) x 49.2mm (D)
    21.78" (W) x 13.59" (H) x 1.93" (D)
- Weight
    Net: 7Kg / 15.4lbs
    Gross: 8.7Kg / 19.18lbs
- Package Size
    625mm (W) x 430mm (H) x 160mm (D)
    24.6" (W) x 17" (H) x 6.3" (D)

Software

- Free BrightAuthor Software
- BrightSign Network Options

Media Formats

- Video Codecs: H.265, H.264(<PEG-4, Part 10), MPEG-2, MPEG-1
- Video Containers: .ts, .mpg, .vob, ..mov, .mp4, .m2ts, .wmv
- Images: BMP, JPEG, PNG
- Audio: Mp2, Mp3, AAC, and WAV (Ac3 is passed through)
- HTML5

Features

- H.265 Decoding: smaller file sizes and lower bitrates than H.264
- HTML5: hardware-accelerated engine that plays modular HTML assets flawlessly alongside high-bandwidth video
- BrightBeaconTM: 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
- IP Streaming: play streaming media
- IP Streaming Server: serve IP streams from local storage
- Interactivity: connect virtually any type of interactive device to a multitude of interactive ports GPIO, USB, Serial
- Live Feeds: Live Data, Live Text, MRSS, Twitter, Flickr, etc.
- 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)
- Sign Preview: preview presentation playback in BrightAuthor
- Remote Snapshot: remotely view a snapshot image of the display's playback
- BrightPlatesTM: easy template-based sign creation service
- Networking: update, manage and schedule your signage
- B-deploy: A setup feature to deploy many players at once

Accessories

- Wireless/Bluetooth Module
- USB Button Pads
- MicroSD Class 10 cards (various capacities)

In the Box

- Remote Control
- (1) Phoenix GPIO connector
- (1) 8GB Class10 MicroSD card
- MicroSD card security door
- Power Cord
- Quick Start Guide

BrightSign® | Built-In