Philips Signage Solutions
Multi-Touch Display

24"
Powered by Android
Multi-touch

SignageSolutions

24BDL4151T

A new level of interaction

with an Android™ powered 24" touch display

Enhance and personalise interactions with this user-friendly, 10 point touch screen

Supreme audience interaction
- Engage clients with an interactive screen
- Built-in Camera, mic and speakers enhance your message

Innovative solutions for any signage application
- Easy installation with PoE+ allows data and power delivery
- Built-in Wi-Fi and Bluetooth for easy connectivity
- Save and play content with internal memory
- Customise, save and run your own Apps with open source OS

Maximising the impact of your message
- Connect and display your content via the Internet
- Manage settings of multiple displays with CMND & Control
- Create and update content with CMND & Create

PHILIPS

Highlights

Built-in Wi-Fi and Bluetooth

Communicate wirelessly with integrated Wi-Fi and Bluetooth or simplify your content control by downloading content wirelessly.
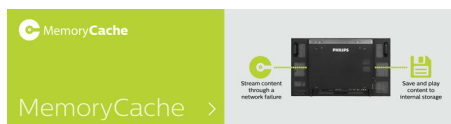
Multi-touch interactivity

Using the power of touch, a brand new level of interactivity is possible. With projected capacitive touch technology, this 10" display offers a bezel-less front, complete with 5 simultaneous touch points, meaning users can interact with your business in new, dynamic ways

Powered by Android

With Android integrated into this touch display, you can work with the most developed OS. You can simply start using pre-installed Apps within minutes, or you can take advantage of its open source base and modify, customise and save your own Apps directly into the display's memory. It enables you to customise your personal boot-up screen. You can also use the built-in scheduler to daypart your apps and content based on the time of day.

Internal Memory

Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

Built-in Camera

This 24 inch display is equipped with a camera, a microphone and speakers. Depending on your app and use case, these features enable you to use it in various environments. You can use it as a security device with facial recognition or enhance your advertising revenue with customised algorithms. Use it as a make-up mirror in a retail cosmetics environment with virtual try-on applications. You can also use it for AV communications like video conferencing system in a corporate environment.
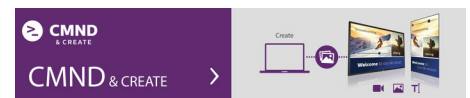
Power over Ethernet (PoE+)

Simplify installation with PoE+ technology. Using this technology, power and connectivity can be delivered over a single Ethernet line. This allows for simplified installation as there is no need for a power adapter. Displays can be installed in small, hard-to-reach areas, helping to ensure a more flexible and adaptable display environment. And for those who prefer not to use Power-over-Ethernet, a power adapter is included in the box.

SmartBrowser 2018 v2

Connect and control your cloud-based content with the integrated HTML5 browser.

Using the Chromium-based browser, design your content online and connect a single display or your complete network. Simply connect the display to the Internet using Wi-Fi or with an RJ45 cable and enjoy your own created playlists.

CMND and Create

Design and create compelling content with CMND & Create, a powerful authoring tool. With a drag and drop interface, preloaded templates, and integrated widgets, you'll be able to amaze your customers with compelling content. Available in portrait and landscape mode.

CMND and Control

With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customise and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

LED   Plug & Play Multi-**Touch**   Smart**Power**

Specifications

Picture/Display
- Diagonal screen size: 23.6 inch / 59.94 cm
- Optimum resolution: 1920 x 1080
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- Aspect ratio: 16:9
- Response time (typical): 5 ms
- Viewing angle (H / V): 170 / 160 degree
- Display colours: 16.7 M
- Placement: Landscape (24/7), Portrait (24/7)
- Picture performance: Advanced colour control

Multi-touch Interactivity
- Multi-touch technology: Projected capacitive
- Protection glass: 1.5 mm tempered safety glass
- Touch points: 10 simultaneous touch points

Operating system
- Operating System: Android 7.1.2

Internal Player
- CPU: RK3399
- Memory: 4 GB DDR3
- Micro SD Card Slot: Micro SD ver2.0 (SD/SDHC card up to max. 128 GB)
- Internal memory storage: 16 GB EMMC

Camera
- Camera: Built-in 2 MP/1080 P (1920 x 1080)

Sound
- Built-in speakers: 2 x 2 W

Communication
- Ethernet: 10 Mbps/100 Mbps/1 GB/PoE
- Wi-Fi/ WLAN: On-board IEEE802.11 b/g/n/ac 2.4/ 5 GHz

Connectivity
- Other connections: micro SD, mPCIe, Micro USB (x 1) (OTG)
- AV input: HDMI x 1
- AV output: 3.5 mm jack (L/R) x 1, HDMI x 1 (Android only)
- USB: USB 2.0 x 1, USB 3.0 x 1 w/fast charging, USB-B for touch connection (x 1)

Convenience
- Keyboard control: Hidden, Lockable
- Other convenience: G sensor for Auto-rotation

Power
- Mains power: DC20 V ± 5%, 1.5 A
- Standby power consumption: <0.5 W
- Consumption (Typical): 25 W
- PoE + (Power over Ethernet): max. 60 W (IEEE 802.3at)

Regulatory approvals/Others
- Regulatory approvals: IEC 60950 class A, CB, CCC, CE, C-Tick, FCC, Class A, GS, PSE, TUV, UL
- Warranty: 3 years (where applicable)

Accessories
- Included Accessories: AC power adapter
- Stand: desktop stand (Landscape only)

Operating conditions
- Temperature range (operation): 0–45 °C
- Relative humidity: operating:30% ~ 80%, storage:10%–85% %
- MTBF: 50,000 hour(s)
- Altitude: 0 ~ 3000 m
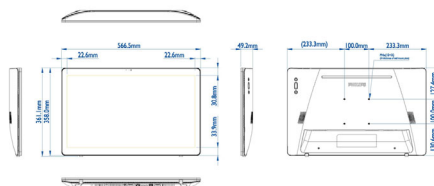- Temperature range (storage): -10 ~ 60 °C

Miscellaneous
- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish

Dimensions
- Set dimensions (W x H x D): 566.50 x 361.10 x 49.20 mm
- Product Weight: 4.0 kg/8.82 lb
- VESA Mount: 100 x 100 M4
- Set dimensions in inch (W x H x D): 22.3 x 14.22 x 1.94 inch
- Bezel width: 22.6 mm (L/R), 30.8(T), 33.9(B)

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