

BenQ

# SH6504

## Pro Digital Signage



### Pantone® & SkinTone™ Validated Colour with Wide Gamut Performance

The SH6504 Pro series is Pantone® and Pantone® SkinTone™ Validated, ensuring accurate colour reproduction, including natural skin tones. With 95% DCI-P3 coverage and 800 nits brightness, it delivers high colour fidelity and consistent image performance, maintaining clarity and accuracy in bright learning environments.



### Flexible Display Modes for Every Teaching Scenario

The SH6504 integrates dedicated picture modes optimised for different content types, including M-Book mode for colour consistency with MacBook® devices, as well as Sketch, Cinema, and High Detail modes. These modes enable accurate colour mapping, gamma optimisation, and detail enhancement, ensuring consistent visual performance across creative, graphical, and multimedia educational applications.



### Efficient Campus Communication with X-Sign

The SH6504 simplifies content management through X-Sign, allowing schools to create, schedule, and share content remotely across multiple displays. With over 160 customisable templates, it's easy to deliver announcements, updates, and learning materials in a clear and consistent way.



### Google-Powered Performance with Built-in Security

As an EDLA-certified display, the SH6504 provides access to Google core services, including the Play Store for essential apps, while Google Play Protect ensures continuous security by preventing and removing harmful applications—supporting a safe and reliable learning environment.



|                            |                              |  |
|----------------------------|------------------------------|--|
| Panel                      | Screen size                  | 65"                                      |
|                            | Resolution                   | UHD 3840 × 2160                          |
|                            | Brightness                   | 800 nits                                 |
|                            | Contrast ratio (typ.)        | 1200:1                                   |
|                            | Viewing angle (H/V)          | 178°/178°                                |
|                            | Response time                | 8 ms                                     |
|                            | Backlight life               | 50,000 hrs                               |
|                            | Panel surface                | AG, Haze 25%                             |
|                            | Operating hours              | 24 hours / 7 days                        |
|                            | Display orientation          | Landscape / Portrait                     |
| System                     | Colour gamut                 | CIE 1976: 95% DCI-P3, 99% sRGB, 85% NTSC |
|                            | Active area (H × V)          | 1428.5 × 803.5 mm                        |
|                            | CPU                          | Arm Cortex-A73 × 4 + A53 × 4             |
|                            | GPU                          | Arm Mali-G52 MP8                         |
|                            | System memory                | 8 GB                                     |
| Power                      | Storage                      | 64 GB                                    |
|                            | OS                           | Android 13.0   EDLA                      |
|                            | Power supply                 | 100V~240V, 50-60Hz                       |
|                            | Power consumption (typ.)     | 131.3 W                                  |
| Environment                | AC power switch              | Yes                                      |
|                            | ENERGY STAR®                 | Yes                                      |
|                            | Wake up                      | HDMI / LAN                               |
| Connectivity               | Operating temperature        | 0°C ~ 40°C                               |
|                            | Operating humidity           | 10% ~ 80% RH non-condensing              |
|                            | Input                        | HDMI 2.0 × 2                             |
|                            | Output                       | Earphone × 1                             |
|                            | USB                          | Type-A × 2 (2.0)                         |
|                            | RS-232 (In)                  | Yes                                      |
|                            | RJ45 (LAN)                   | 10 / 100 Mbps (Android) × 1              |
| Wi-Fi 6 and Bluetooth® 5.2 | Optional WD02AT Wi-Fi dongle |  |
| Built-in peripherals       | Speaker                      | 12W × 2                                  |
|                            | IR sensor                    | Yes (w/ lock)                            |
| Mechanical                 | Dimensions (W × H × D)       | 1456.4 × 833.7 × 57 mm                   |
|                            | Weight (product   shipping)  | 20.7 kg   28.7 kg                        |
|                            | Bezel width (T   B   L   R)  | 12.5   12.5   11.8   11.8 mm             |
|                            | Mount (screws)               | VESA 400 × 400 mm (4 × M8 × 16L)         |
| Accessories                | Remote control               | × 1                                      |
|                            | Cables                       | HDMI (1.5 m) × 1, RS-232 (1.8 m) × 1     |

## SOFTWARE



### X-Sign 3.0

Create, schedule, and publish eye-catching content, anywhere on campus to announce events, classroom schedules, alerts & warnings.



### DMS

Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.



### AMS

Account Management System to conveniently load and access your account and cloud storage from any BenQ display.



### InstaShare 2.0

Wireless screen sharing & casting from any device. Share several screens simultaneously, with different types of content.



Because Earth Matters



#### ENERGY STAR® 8.0

Our certified displays help you save power by up to 40% and lower operational costs.



#### Sustainable packaging

We've increased the loading rate by 60%, reducing our footprint in transport and logistics.

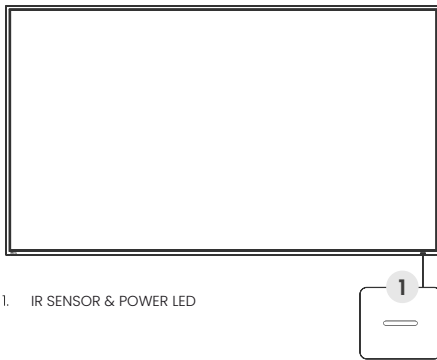


#### Remote energy control

Avoid unnecessary power use with DMS by powering on/off your displays remotely and setting schedules.

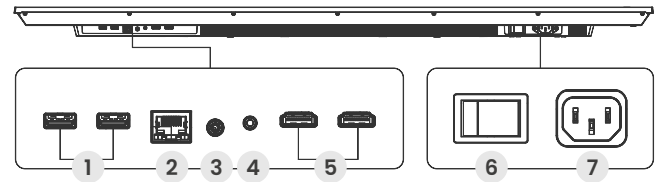
## INPUT AND OUTPUT TERMINALS

### FRONT PANEL



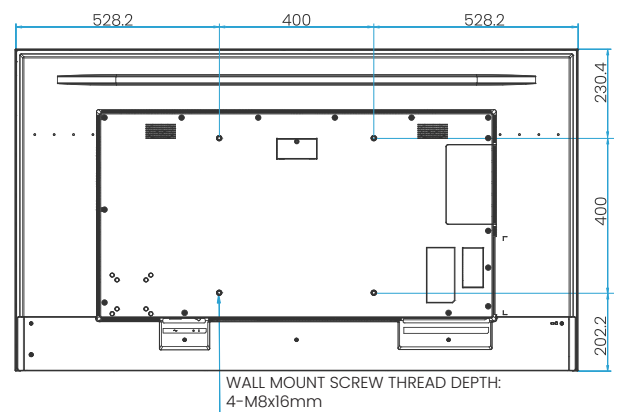
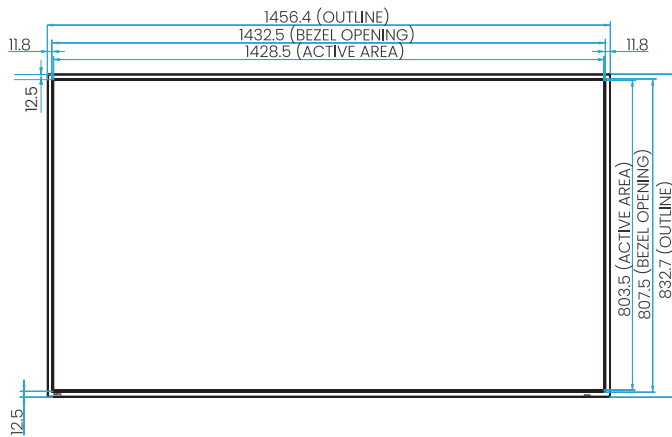
1. IR SENSOR & POWER LED

### BOTTOM PANEL



- |                           |                  |
|---------------------------|------------------|
| 1. USB 2.0 TYPE A PORTS   | 5. HDMI IN PORTS |
| 2. GIGABIT ETHERNET PORTS | 6. POWER SWITCH  |
| 3. 3.5 MM AUDIO OUT JACK  | 7. POWER INPUT   |
| 4. RS-232 IN PORT         |                  |

## DIMENSIONS (MM)



Warranty terms and conditions may change based on the country of purchase and local regulations.



[www.benq.eu/en-eu/education.html](http://www.benq.eu/en-eu/education.html)

© 2026 BenQ Corp. Specifications may vary by region, please visit your local stores for details. Actual product's features and specifications are subject to change without notice. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.

**BENQ**