

# HB DOUBLE SIDED

## ULTRA HIGH BRIGHTNESS HANGING DOUBLE-SIDED DISPLAYS



Dual-sided Digital Signage  
Window Displays  
3,500cd/m<sup>2</sup> Outward-Facing  
1,000cd/m<sup>2</sup> Inward-Facing



### Perfect for Window Displays

With a 3,500cd/m<sup>2</sup> outward-facing screen to combat direct sunlight and a 1,000cd/m<sup>2</sup> inward-facing screen to combat brightly-lit indoor spaces, these dual-sided displays are designed for shopfront windows. On top of this, they are also ultra resistant to blackening defect up to 110°C.

### Different Content on Each Side

When using our user-friendly online CMS software, you can really capitalise on the duality of these displays by broadcasting different content on each side. Tailor your messaging to people inside and outside the building for maximum effectiveness.

### Smart Temperature Control

The responsive internal airflow system keeps the panel and other internal components at optimum working temperature. This ensures a long and reliable life for your screen, even when used continuously in outward-facing windows.

- Lightweight Slim Enclosure
- Integrated Android Media Player
- Ultra Resistant to Blackening
- Accessible Ports
- Freestanding Option Available



# ULTRA HB DOUBLE SIDED DISPLAYS

## Specification

| Part number   | Diagonal | Resolution | Display area | cd/m <sup>2</sup> | Overall size  | Weight |
|---------------|----------|------------|--------------|-------------------|---------------|--------|
| CDS-490-DS-HB | 49"      | 1920x1080  | 1073.8x604   | 3500/1000         | 1599.9x708x80 | 28.4kg |
| CDS-550-DS-HB | 55"      | 1920x1080  | 1209.6x680.4 | 3500/1000         | 1804x786x80   | 48kg   |

## Panel

| Aspect Ratio | Colour | Viewing angle | Blackening Defect Free |
|--------------|--------|---------------|------------------------|
| 16:9         | 16.7M  | 178°          | Up to 110°C (230°F)    |

## AV Inputs

| Video | Audio                | Speaker type |
|-------|----------------------|--------------|
| HDMI  | Audio Socket (3.5mm) | 8W, 8Ω (x2)  |

## Environmental

| Operating temp | Storage temp  | Operating Humidity | Storage Humidity |
|----------------|---------------|--------------------|------------------|
| 0°C to 40°C    | -20°C to 60°C | 10% to 80%         | 5% to 95%        |

**Surface Panel Temperature**  
110°C

## Computer / media player

|                                                                                                           |                                                |                                                                                             |                                                          |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>Media formats</b><br>Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG) | <b>Media resolution</b><br>1920x1080/1080x1920 | <b>CPU</b><br>Quad-Core ARM Cortex A17, 1.6GHz                                              | <b>GPU</b><br>Quad-Core ARM Mali-T764                    |
| <b>RAM</b><br>DDR3 2GB                                                                                    | <b>Internal storage</b><br>8GB eMMC            | <b>USB</b><br>1 x USB (OTG/HOST), 4 x USB (HOST)                                            | <b>LAN</b><br>100M/1000M Ethernet (Network Version Only) |
| <b>Wi-Fi</b><br>802.11b/g/n/ac (Network Version Only)                                                     | <b>OS</b><br>Android 7.1                       | <b>Graphic engine</b><br>OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1 |                                                          |

NOTE - To achieve different content on each side, the network upgrade with CMS is required



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## Example applications





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## Need any additional information?

If you need any assistance with pricing information, technical support or require any additional information our team would be more than happy to assist.



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\*E & OE. Specifications may be subject to change without prior notice

More information can be found at:

**[crystal-display.com](http://crystal-display.com)**