



# Voxicon DC55UXPAP

Data sheet

## Core Specs

|                          |                    |
|--------------------------|--------------------|
| Screen size              | 55 "               |
| Panel type               | IPS                |
| Display brightness       | 500 cd/m²          |
| Display resolution       | 3840 × 2160 pixels |
| Contrast ratio (typical) | 1200:1             |
| Placement supported      | Indoor             |

## Summary

- ✓ 55" 4K UHD display delivers crisp images for detailed signage
- ✓ 500cd/m² brightness and HDR10 ensure visible, accurate colors
- ✓ IPS panel and 178° viewing keep content consistent from any angle
- ✓ Built for 24/7 operation, ideal for retail, reception and lobbies
- ✓ Built-in speakers, Wi-Fi, Miracast and 5 HDMI ports simplify installs

# Product description

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## Why choose this digital signage display?

Voxicon DC55UXPAP is a 55-inch UHD digital signage display designed for continuous 24/7 use. It delivers reliable image quality and high brightness for clear content in bright public spaces. The slim, wall-mountable design keeps installation neat and reduces maintenance, while built-in connectivity and local storage make content management straightforward.

## DC55UXPAP in short:

- 55" 4K UHD display built for uninterrupted 24/7 operation, suited to retail, reception areas, and meeting rooms.
- 500 cd/m² brightness and HDR10 support for clear, accurate visuals in well-lit environments.
- Slim flat panel with narrow bezels and VESA 400 x 400 mm mounting, usable in horizontal or vertical orientation.
- Built-in Android-based OS with 16 GB storage, Wi-Fi, Bluetooth 5.1, Miracast, Ethernet and multiple HDMI and USB inputs for versatile content playback.
- Integrated speakers, multi-language on-screen menu, and included remote and mounting kit for straightforward setup.

## Visual performance

Voxicon DC55UXPAP uses an IPS panel to maintain colour and contrast across wide 178° viewing angles. The 4K resolution and HDR10 support provide detailed, natural-looking images that suit product displays, video signage, and high-resolution presentation material. With slim bezels, the screen offers an immersive look when placed in public-facing environments.

## Connectivity and control

The display runs a custom Android AOSP OS and includes 16 GB of internal storage, so you can play files directly from USB or network sources. Wireless options include Wi-Fi, Bluetooth and Miracast for easy content casting. Wired connections are available through Ethernet and HDMI inputs, and RS-232 support helps integrate the display into control systems. A simple remote control is included for daily operation.

## Installation and operation

This model is built for continuous indoor use and comes with a mounting kit for wall installation. It supports both portrait and landscape orientation and has a long panel life, which helps lower total cost of ownership. The unit includes power and IR sensor cables, and offers low standby power draw to reduce energy use during off hours.

# Technical Specification Matrix

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## Header

|              |         |
|--------------|---------|
| Manufacturer | Voxicon |
|--------------|---------|

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|                                     |                      |
|-------------------------------------|----------------------|
| Product Line                        | DIGITAL SIGNAGE      |
| Model                               | DC55UXPAP            |
| <b>Display</b>                      |                      |
| Screen size                         | 55 "                 |
| Display technology                  | LED                  |
| Panel type                          | IPS                  |
| LED backlighting type               | Slim Direct-LED      |
| LED backlight                       | Yes                  |
| Display resolution                  | 3840 × 2160 pixels   |
| Display brightness                  | 500 cd/m²            |
| HD type                             | 4K/UHD               |
| Touchscreen                         | No                   |
| Response time                       | 8 ms                 |
| Native aspect ratio                 | 16:9                 |
| Contrast ratio (typical)            | 1200:1               |
| High Dynamic Range (HDR) supported  | Yes                  |
| Display number of colours           | 10.7 billion colours |
| Viewing angle, horizontal           | 178 °                |
| High Dynamic Range (HDR) technology | HDR10                |
| Viewing angle, vertical             | 178 °                |
| Contrast ratio (dynamic)            | 50000:1              |
| Display diagonal (metric)           | 138.8 cm             |
| Active display area (W x H)         | 1209.6 x 680.4 mm    |
| Panel life                          | 50000 h              |
| Colour gamut                        | 72 %                 |
| Native refresh rate                 | 100 Hz               |
| Haze rate                           | 1 %                  |

## Design

|                     |                            |
|---------------------|----------------------------|
| Product design      | Digital signage flat panel |
| Product colour      | Black                      |
| Placement supported | Indoor                     |
| Screen shape        | Flat                       |
| Orientation         | Horizontal/Vertical        |
| VESA mounting       | Yes                        |

|                          |              |
|--------------------------|--------------|
| Mounting type            | Wall         |
| Panel mounting interface | 400 x 400 mm |
| Bezel width (side)       | 9 mm         |
| Bezel width (bottom)     | 11 mm        |
| Bezel width (top)        | 9 mm         |

## Features

|                         |       |
|-------------------------|-------|
| Suitable for indoor use | YES   |
| Base colour             | BLACK |
| Wall mountable          | YES   |

## Other features

|                               |                     |
|-------------------------------|---------------------|
| Bluetooth                     | Yes                 |
| Power consumption (PowerSave) | 0.5 W               |
| Bluetooth version             | 5.1                 |
| User memory                   | 16 GB               |
| Weight (without stand)        | 18500 g             |
| Package dimensions (WxDxH)    | 1369 x 165 x 874 mm |
| Power supply type             | 110 - 240 VAC       |
| Dimensions (WxDxH)            | 1236 x 63 x 709 mm  |
| Bezel width                   | 11 mm               |
| USB 2.0 ports quantity        | 2                   |
| Viewing angle                 | 178 °               |

## Performance

|                                    |                |
|------------------------------------|----------------|
| Number of OSD languages            | 11             |
| Purpose                            | Corporate      |
| TV tuner integrated                | No             |
| Operating hours (hours/days)       | 24/7           |
| Miracast                           | Yes            |
| On Screen Display (OSD) languages  | MULTI LANGUAGE |
| International Protection (IP) code | IP2X           |
| Open Pluggable Specification (OPS) | NO             |
| High Dynamic Range 10 (HDR10)      | YES            |

## Audio

|                             |            |
|-----------------------------|------------|
| Built-in speaker(s)         | Yes        |
| Number of built-in speakers | 2          |
| RMS rated power             | 10 W       |
| Audio output channels       | 2 channels |

### Technical details

|                        |                       |
|------------------------|-----------------------|
| Full HD                | NO                    |
| Real Time Clock (RTC)  | YES                   |
| Power consumption      | 0.5 W                 |
| Bezel width (L/T, R/B) | B: 11 mm, T/L/R: 9 mm |
| Product weight         | 40.8 lbs              |
| Set depth (inch)       | 2.5 "                 |
| Set height (inch)      | 27.9 "                |
| Set width (inch)       | 55 "                  |

### Ports & interfaces

|                            |                                                       |
|----------------------------|-------------------------------------------------------|
| HDMI ports quantity        | 5                                                     |
| HDMI version               | 2.0                                                   |
| HDMI output ports quantity | 1                                                     |
| HDMI input ports quantity  | 4                                                     |
| DVI port                   | No                                                    |
| USB port                   | Yes                                                   |
| USB ports quantity         | 2                                                     |
| USB version                | USB 2.0/3.2 Gen 1 (3.1 Gen 1)                         |
| Ethernet LAN               | Yes                                                   |
| Ethernet LAN (RJ-45) ports | 1                                                     |
| PC Audio in                | No                                                    |
| Ethernet LAN data rates    | 100 Mbit/s                                            |
| Remote (IR) input          | 1                                                     |
| Wi-Fi                      | Yes                                                   |
| Wi-Fi standards            | 802.11a, 802.11g, WiFi 4 (802.11n), WiFi 5 (802.11ac) |
| USB connector type         | USB-A                                                 |
| RS-232 interface           | Yes                                                   |
| PC Audio out               | Yes                                                   |
| Compatible memory cards    | MicroSD                                               |
| OPS module slot            | NO                                                    |

|               |    |
|---------------|----|
| Microphone in | No |
|---------------|----|

## Power

|                                         |           |
|-----------------------------------------|-----------|
| Power consumption (typical)             | 138 W     |
| Power consumption (standby)             | 0.5 W     |
| Power consumption (sleep)               | 0.5 W     |
| Input voltage                           | 220 V     |
| Power consumption (off)                 | 0.3 W     |
| AC input voltage                        | 220 V     |
| Energy efficiency class (SDR)           | G         |
| Power consumption (max)                 | 180 W     |
| Energy consumption (SDR) per 1000 hours | 13.8 kW·h |
| AC input frequency                      | 60 Hz     |
| Energy consumption (HDR) per 1000 hours | 13.8 kW·h |

## Computer system

|                              |                                   |
|------------------------------|-----------------------------------|
| Internal storage capacity    | 16 GB                             |
| Internal memory              | 2 GB                              |
| Computer system              | No                                |
| Built-in processor           | Yes                               |
| Operating system installed   | Custom OS (built on Android AOSP) |
| Processor manufacturer       | ARM                               |
| Processor family             | AMD Cortex                        |
| Processor architecture       | ARM Cortex-A55                    |
| Processor model              | A55                               |
| On-board graphics card model | ARM Mali-G31 MP2                  |
| Processor cores              | 4                                 |

## Logistics data

|                   |        |
|-------------------|--------|
| Country of origin | Turkey |
|-------------------|--------|

## Packaging content

|                         |                  |
|-------------------------|------------------|
| Remote control included | Yes              |
| Stand included          | No               |
| Stylus pen              | No               |
| Cables included         | IR sensor, Power |

|                        |                             |
|------------------------|-----------------------------|
| Warranty card          | <b>NO</b>                   |
| Batteries included     | <b>Yes</b>                  |
| Stand colour           | <b>BLACK</b>                |
| Remote control type    | <b>R/C 4878VS BLACK RC5</b> |
| Mounting kit           | <b>Yes</b>                  |
| Power adapter included | <b>No</b>                   |
| Wi-Fi module included  | <b>YES</b>                  |

**Packaging data**

|                |                |
|----------------|----------------|
| Package width  | <b>1369 mm</b> |
| Package depth  | <b>165 mm</b>  |
| Package height | <b>874 mm</b>  |
| Package weight | <b>24100 g</b> |

**Operational conditions**

|                                   |                |
|-----------------------------------|----------------|
| Operating temperature (T-T)       | <b>0-40 °C</b> |
| Operating relative humidity (H-H) | <b>10-90 %</b> |

**Weight & dimensions**

|                |                |
|----------------|----------------|
| Width          | <b>1236 mm</b> |
| Display width  | <b>1236 mm</b> |
| Depth          | <b>63 mm</b>   |
| Display depth  | <b>63 mm</b>   |
| Height         | <b>709 mm</b>  |
| Display height | <b>709 mm</b>  |
| Display weight | <b>18500 g</b> |
| Weight         | <b>18500 g</b> |