



Voxicon DC286UHPAP

Data sheet

Core Specs

Screen size	86 "
Panel type	IPS
Display brightness	500 cd/m²
Display resolution	3840 × 2160 pixels
Contrast ratio (typical)	1200:1
Placement supported	Indoor

Summary

Designed for digital signage in offices, schools, and public spaces

- ✓ Large 86in 4K IPS screen delivers clear, detailed visuals at scale
- ✓ High haze surface reduces glare, keeps content readable in bright rooms
- ✓ Designed for 24/7 use, 50k hour panel life for continuous uptime
- ✓ Android 13 with 4GB RAM and 16GB storage simplifies content playback
- ✓ Wi-Fi, Ethernet and HDMI/DP inputs make installation flexible

Product description

Why choose this display?

Voxicon DC286UHPAP 86" UHD 24/7 High Haze delivers large-format 4K imagery with a high-haze surface that reduces reflections in bright spaces. It is built for continuous operation, so you get reliable performance for digital signage, meeting-room screens, or lobby displays while keeping content management and playback simple.

DC286UHPAP 86" UHD 24/7 High Haze in short:

- 86-inch 4K IPS panel with wide viewing angles, suited for reception areas and open-plan spaces.
- High-haze finish reduces glare while preserving contrast and colour fidelity, improving legibility under ambient light.
- Built-in Android 13 player with 4GB RAM and 16GB storage for standalone content playback and app integration.
- Networked control and playback via Ethernet, Wi-Fi, RS-232, HDMI and USB connections.
- Consider mounting access and space requirements, as this is a large wall-mounted flat panel.

Performance and image quality

The DC286UHPAP uses an IPS 86-inch panel with 3840 x 2160 resolution to keep text and images sharp across a wide viewing area. The 500 cd/m2 brightness and 10.7 billion colour capability make it useful for detailed visuals and branding. The high-haze surface reduces distracting reflections, so content remains readable in well-lit environments.

Control, connectivity and media playback

Android 13 and an ARM Cortex-A55 processor, paired with an ARM Mali-G52 GPU, provide responsive on-board playback and app support. You can deploy content directly from USB or the built-in storage, or manage screens over the network using Wi-Fi, Ethernet, or RS-232. Multiple inputs, including two HDMI ports and DisplayPort, let you connect external players or meeting-room gear.

Installation and operation

This display is designed for 24/7 commercial use and includes a mounting kit and remote control for quick installation and day-to-day operation. Built-in 20W speakers handle announcements and background audio. VESA 600 x 400 mounting compatibility and a slim depth make wall installation straightforward in corporate lobbies, control rooms, and other continuous-use locations.

Technical Specification Matrix

Header

Manufacturer	Voxicon
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Display

Screen size	86 "
Display technology	LED
Panel type	IPS
LED backlighting type	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
Viewing angle, horizontal	178 °
Display number of colours	10.7 billion colours
Viewing angle, vertical	178 °
Active display area (W x H)	1649.7 x 927.9 mm
Panel life	50000 h
RGB colour space	NTSC

Design

Product design	Digital signage flat panel
Product colour	Black
Placement supported	Indoor
VESA mounting	Yes
Mounting type	Wall
Panel mounting interface	600 x 400 mm

Performance

Purpose	Corporate
Operating hours (hours/days)	24/7

Audio

Built-in speaker(s)	Yes
RMS rated power	20 W

Ports & interfaces

HDMI ports quantity	2
HDMI input ports quantity	2
DisplayPorts quantity	1
USB port	Yes
USB ports quantity	2
DisplayPorts in	1
Ethernet LAN	Yes
Wi-Fi	Yes
Audio (L/R) out	1
USB 2.0 Type-B ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
RS-232 interface	Yes

Power

Power consumption (sleep)	0.43 W
Input voltage	110 - 240 V
AC input voltage	110 - 240 V
Energy efficiency class (SDR)	G
Power consumption (off)	0 W
AC input frequency	50/60 Hz
Energy consumption (SDR) per 1000 hours	223 kW·h
Energy efficiency scale	A to G

Computer system

Internal memory	4 GB
Internal storage capacity	16 GB
Built-in processor	Yes
Operating system installed	Android 13
Processor manufacturer	ARM
Processor family	AMD Cortex
Processor architecture	ARM Cortex-A55
Processor frequency	1.8 GHz
On-board graphics card model	ARM Mali-G52

Logistics data

Country of origin	China
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Packaging content

Remote control included	Yes
Batteries included	Yes
Mounting kit	Yes

Packaging data

Package width	2095 mm
Package depth	185 mm
Package height	1220 mm
Package weight	52800 g

Weight & dimensions

Display width	1933.8 mm
Display depth	79.8 mm
Display height	1103.8 mm
Weight	41500 g