BT-86AC8

86" High Brightness Window Displays

24/7 Commercial Use

Built with a commercial-grade IPS LCD panel, this display is designed for 24/7 operation wit h a lifespan of over 50,000 hours, and has no external buttons to prevent unauthorised access.

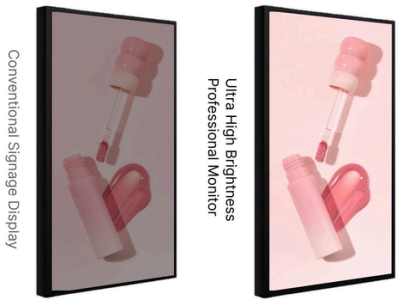
24/7

Instant Updates from Anywhere

No special software or dedicated PC required. Simply log in to our cloud-based portal and update your screens anytime, anywhere with an internet connection.

IPS Panel

Commercial-grade IPS technology ensures clear images, wide viewing angles, and accurate colour performance in both landscape and portrait display modes.



IPS

Anti-Glare Display

Advanced anti-glare coating reduces reflections, enhancing contrast and clarity. Delivers reliable wide-angle visibility for clear viewing anytime in bright indoor environments.

Power Timer

The energy-efficient power timer enables scheduled daily or weekly on/off control, optimising energy usage and ensuring the display operates only when necessary.

Multiple System Options

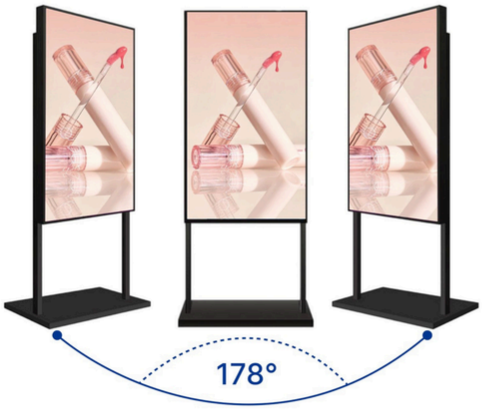
Three system options are available: Android, Windows, and HDMI-IN, offering flexible and reliable solutions for various commercial applications and long-term use.

USB Plug and Play

Content can be played direct ly from USB, automatically reading files for fast and convenient playback, simplifying setup and saving time.

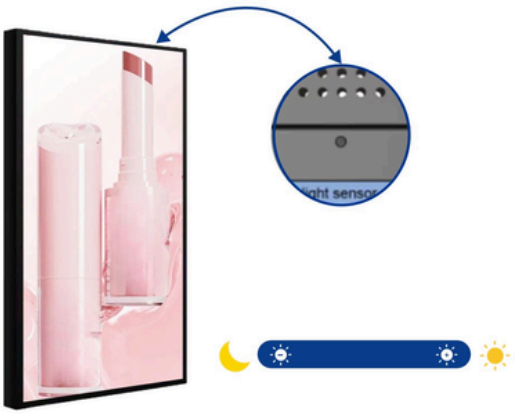
Wide Viewing Angle

Using IPS technology, these displays deliver clear images with a wide 178° viewing angle in both landscape and portrait orientations.



Automatic Brightness Adjustment

A built-in ambient light sensor automatically adjusts brightness for clear visibility in changing sunlight, even with polarised sunglasses.



Toughened Glass

Toughened glass to provide added durability and protection, helping screens withstand impacts, scratches, and everyday wear in busy environments.

Specification Table

General

Model	BT-86AC8
Screen Size	86"
Screen Active Area (mm)	1895 x 1066mm (H x V)
Resolution	UHD(3840 X 2160)
Aspect Ratio	16:9
Brightness(nit)	3000nits
Contrast Ratio	1200:1
Power Consumption	1000W (Max.)
Viewing Angle(H/V)	178°/178°
Backlight Life Cycle	50,000 Hrs
Operation Hours	24/7
Response Time	5ms
Screen Orientation	Portrait or Landscape

System

Chip	Amlogic RK3576
CPU	Octa-core (4×A72 + 4×A53) , 2.2 GHz
GPU	OpenGL ES 1.1-3.2, OpenCL 2.0, Vulkan 1.1
RAM	2/4/8GB DDR5
ROM	16/32/64 GB eMMC
OS	Android 11/14
DDR	LPDDR5
Language	Chinese/English

Connection Interfaces

Input	USB3.0 x2, HDMI IN x1, Ethernet RJ45 x1, IR in x1, Sensor x1
Output	Audio out x1

Network Connection

Wifi or LAN	Yes
3G/4G Connection	Optional

Speaker

Built-in Speaker	Yes
Line-out Support	Yes
BT Speaker Support	Yes

Multimedia

Video	H.265, H.264, VP9, AVS2, AV1
Audio	MP3, WAV, APE, FLAC, OGG, M4A, 3GPP
Image	JPG, BMP, PNG

Physical

Glass	Toughened Glass
Surface Treatment	Anti-glare
Shell	Aluminium
Standard Colour	Black
Dimensions	1935 (H) x 1106 (W) x 85 (D) mm
Net Weight	67 kg
Gross Weight	83 kg
VESA	600 x 400mm

Bluetooth

Bluetooth	5.2

Operation

Working Environment	Indoor window facing
Auto Brightness Control	Light Sensor
Operational Altitude	Up to 5,000 meters
Operating Temperature	0-40°C
Storage Temperature	0-60°C
Relative Humidity	20%-80%

Electrical

Voltage	AC 100 - 240V 50/60Hz built in power socket
Loud Speaker	10W x2

Thermal Management

Smart Backlight Control	Yes
Smart Temperature Control	Yes
Overheating Protection	Yes

Power

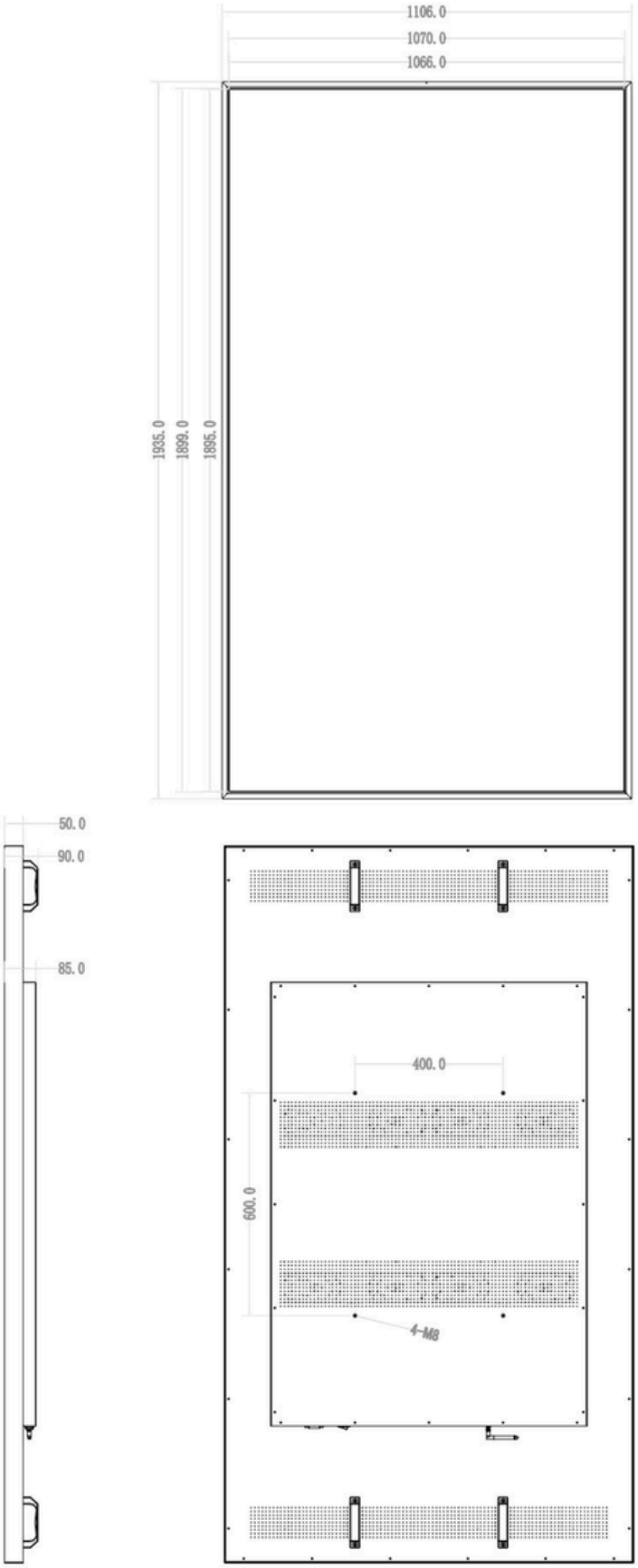
Power Supply	AC 110/220V, 50/60Hz
Power Type	Built-In Power

Package Contents

Accessories	Power Cord
	Remote Control
	WiFi Antenna
	Lifting Ring (M6) x 2
	Filler Pad (M6) x 2
	Spring Pad (M6) x 2
	User Manual (Electronic Version)

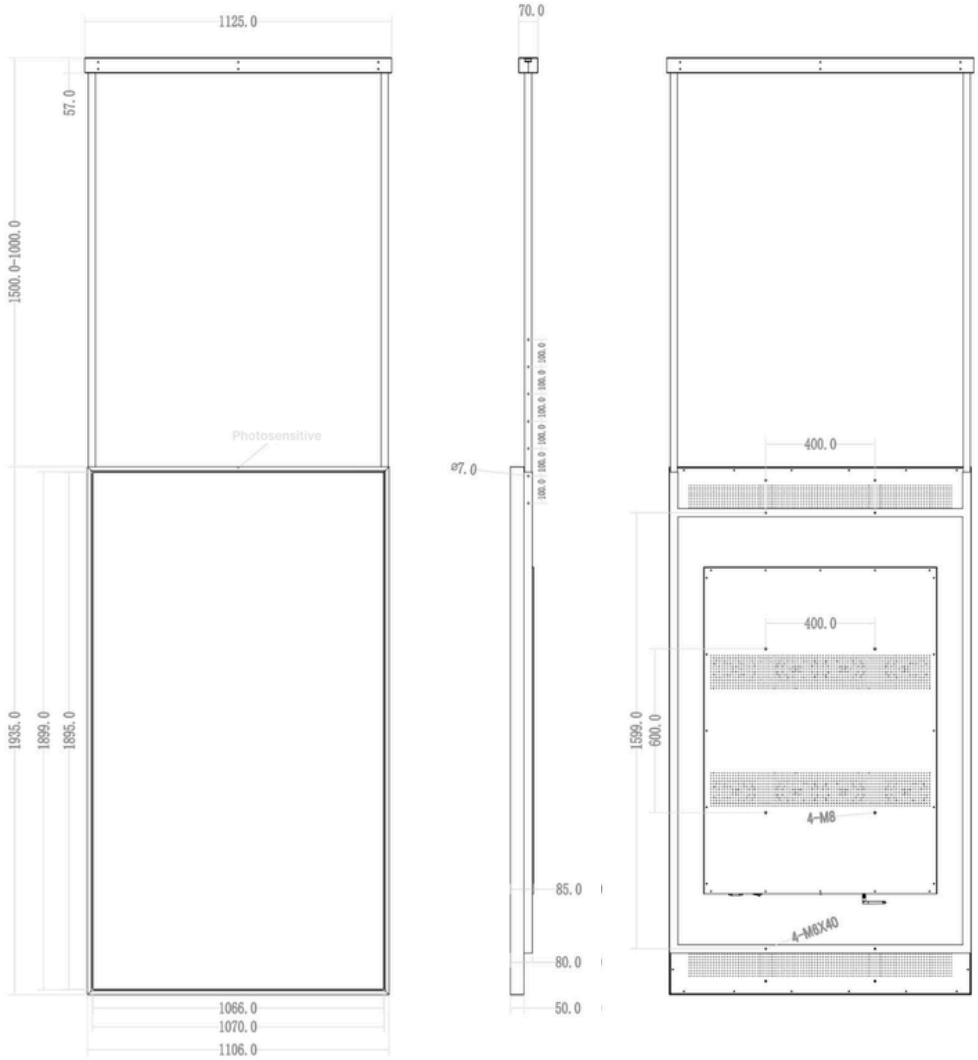
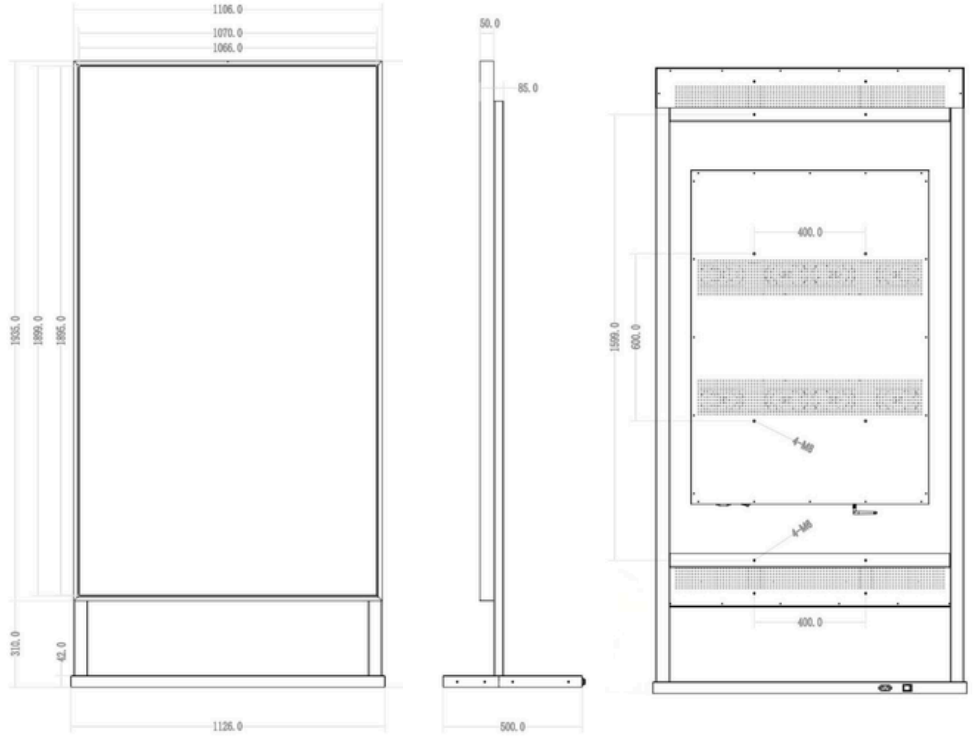
*Specifications are subject to change without notice.

Wall Mounted



Additional mounting configurations are shown on the following page.
See the following page for ceiling-mounted and floor-standing dimensions.

Ceiling Mounted



Floor Mounted