OUTDOOR DIGITAL SIGNAGE • IP66 WEATHERPROOF

INFYNIX ATLAS SERIES

A rugged outdoor digital signage family from 32” to 75” — IP66-sealed, up to 5000-nit sunlight-readable brightness, IK10 tempered glass, and active thermal management for 24/7 all-weather operation.



OVERVIEW

Built for the Outdoors

The Infynix Atlas Series is a high-brightness outdoor digital signage range engineered for direct-sunlight environments. A fully enclosed, IP66-rated aviation-aluminium body protects against rain, dust, salt fog and temperature extremes, while a 26 mm narrow frame and slim 85 mm profile keep the installation clean and modern. Available from 32” to 75” with FHD or 4K UHD panels, optional touch, and an active cooling system, Atlas delivers reliable round-the-clock advertising wherever it is deployed.

FEATURES

Key Capabilities

- FHD / 4K UHD LCD, 1000–5000 cd/m², DLED OD10 backlight
- IP66 weatherproof — dust, rain, salt fog & anti-corrosion
- 5 mm AG-etched IK10 tempered protective glass
- Optional 10-point capacitive / infrared touch
- Intelligent light sensor for auto brightness control
- Uniform-temperature active cooling, optional IP66 fans
- Android / Linux / Windows platform support
- Wall, floor and ceiling-suspended mounting (VESA)

IP66	5000 nits	6 Sizes	IK10	−20~55°C	Up to 5-Yr
Weatherproof	Peak Brightness	32” – 75”	Impact Glass	Operating	Warranty

Why Atlas

One rugged platform for every outdoor touchpoint.

Sunlight-Ready Brightness

1000–5000 nit high-brightness panel with an intelligent light sensor that auto-dims for crisp, glare-free visibility in direct sunlight.

IP66 All-Weather Build

Fully sealed aviation-aluminium enclosure resists rain, dust, salt fog and extremes from −20°C to 55°C, with aviation-grade waterproof connectors.

IK10 Tempered Glass

5 mm AG-etched anti-glare tempered glass rated IK10 protects against impact, vandalism and harsh outdoor wear.

Active Thermal Cooling

Uniform-temperature active cooling with optional IP66 silent fans keeps the panel stable through harsh outdoor heat.

Where It Fits

Designed for high-traffic outdoor environments.

- Transit & Transport
- QSR Menu Boards
- Shopping Malls
- Fuel & EV Stations
- Stadiums & Arenas
- Smart City

Powered by Asta CMS • IP66 weatherproof rating • Up to 5-year warranty • Sizes 32” to 75”

Display Parameters

High-brightness FHD / 4K outdoor panels, readable in direct sun.

Parameter	Specification
Available Sizes	32 / 43 / 49 / 55 / 65 / 75 inch
Resolution	1920 × 1080 (FHD) / 3840 × 2160 (4K UHD)
Brightness	1000–5000 cd/m² (Standard 3000)
Contrast Ratio	≥ 5000:1 (Dynamic)
Viewing Angle	> 178° (H) / 178° (V)
Display Color	8-bit, 16.7M
Backlight	DLED OD10, Full Coverage
Protective Glass	5 mm AG Etched Tempered, IK10

Touch Parameters

Optional — for interactive outdoor self-service kiosks.

Parameter	Specification
Touch Type	Capacitive / Infrared, 10-point
Response Time	≤ 6 ms, no delay
Touch Accuracy	2 mm
Cursor Speed	≥ 180 points/second
Durability	Unlimited touches

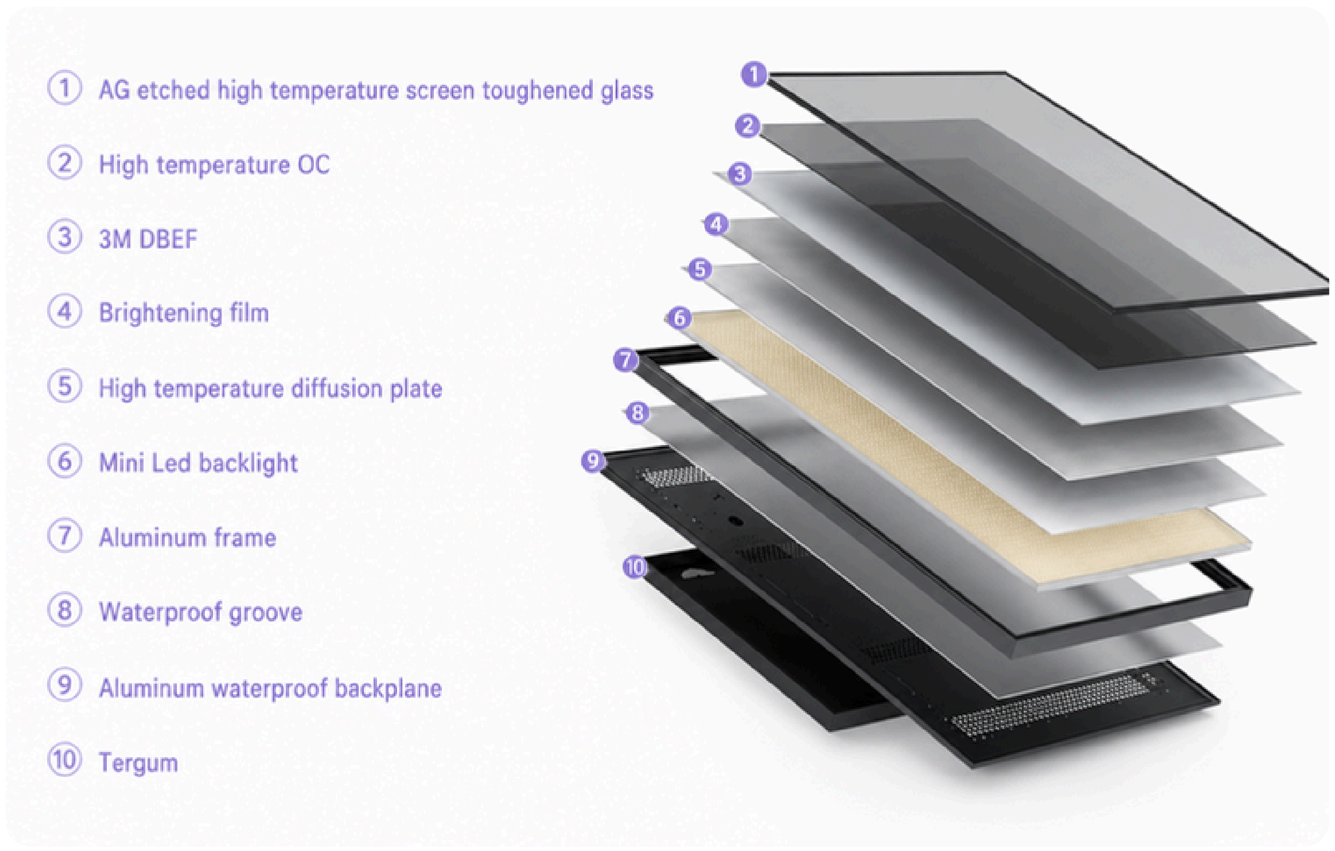
System Platform

Choose Android, Linux or Windows on the same hardware.

Parameter	Android Configuration	Windows Configuration
CPU	RK3288 / RK3568 / RK3399, Qualcomm	Intel Core i3 / i5 / i7
RAM	2 / 4 / 8 GB	4 / 8 / 16 GB
Storage	8 / 16 / 32 / 64 GB	128 / 256 / 512 GB / 1 TB SSD
Operating System	Android / Linux	Windows 10 / 11
Speaker	Waterproof 10W × 2	Waterproof 10W × 2
Power Input	AC 220V / 50Hz	AC 220V / 50Hz

Display at a Glance

High-brightness outdoor panel specs, common to every Atlas model.



5000 cd/m²
Peak Brightness

≥ 5000:1
Contrast Ratio

> 178°/178°
Viewing Angle

IP66
Ingress Rating

All sizes: IK10 tempered glass • power AC 220V / 50Hz • aviation-aluminium body, 26 mm narrow frame

Interfaces & Ports

Aviation-grade waterproof connectivity for outdoor workflows.

Interface	Specification
USB	USB 3.0 × 2, USB 2.0 × 2
Wired Network	RJ45 × 1 (10/100/1000M Ethernet)
Video Interface	HDMI 2.0 × 1, VGA × 1
Audio Interface	Mic In × 1, Line Out × 1

Network & Wireless

Built-in dual-band wireless for remote content updates.

Parameter	Specification
WiFi	Built-in, 2.4 GHz & 5 GHz dual-band
Bluetooth	Built-in

Environment & Protection

Engineered for continuous all-weather outdoor operation.

Parameter	Specification
Operating / Storage Temp	−20°C ~ 55°C
Operating Humidity	5% ~ 95%
Ingress Protection	IP66 (Dust & Water)
Cooling System	Active cooling / IP66 silent fan (optional)
Warranty	Up to 5 Years comprehensive
Compliance	CE / FCC / RoHS / BIS

Available Sizes & Mounting

Six sizes with wall, floor and ceiling-suspended installation.

32″ | **43″** | **49″** | **55″** | **65″** | **75″**

Wall-Mounted | **Floor-Standing** | **Ceiling-Suspended**



Get In Touch

Talk to us about pilots, volume pricing, and custom Atlas outdoor configurations.

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Disclaimer: Specifications are subject to change without notice. Actual size, weight, and appearance may vary. Product images are illustrative only.