LamasaTech

SPEC SHEET

Urban Smart City Kiosk

An outdoor kiosk with ultra-high brightness 55” and 75” panels, for smart cities and tourist information

IP65 enclosure · IK10 glass · Touch or non-touch

Interactive outdoor kiosk for smart cities and tourist information

55” / 75” anti-glare displays

4K resolution glass bonded displays with anti-glare glass in a choice of sizes, for easy reading in direct sunlight.

Touch or non-touch display

Maximise user reach and interaction, with displays available as non-touch or touch.

IP65 rated enclosure

Weatherproof kiosk with an IP65 rated enclosure which protects against dust and water ingress.

IK10 glass

IK10 vandal-proof protective glass offers the highest level of impact protection from vandalism or accidental damage.

21.5” touch screen (optional)

Optional side screen on one or both sides for low level accessibility. Integrated speaker and microphone array. Optional modules include camera, emergency call button, wireless fast charger for mobile phones and motion sensor flood light.

Effective heating and cooling system

A heat dissipation system keeps the device cool with low fan noise and ensures 30% longer lifetime than standard displays, whilst also heating the kiosk in low temperature environments. AC option available for hot regions.

Falcon wing doors

Easy maintenance access through spring loaded falcon wing doors.

Up to 3,000	4K	IP65	IK10
nits brightness	display resolution	rated enclosure	vandal-proof glass

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Engage your visitors and citizens with real-time information

Provide your visitors and citizens with an engaging and immersive way to interact with your city. Smart city digital kiosks are ideal for advertising, wayfinding, and sharing travel, weather and community information in an easy-to-use format, 24 hours a day.

Up to 3,000 nits brightness

Ultra-high brightness panels with a rating of 3,000 cd/m² on the 55” and 2,500 cd/m² on the 75” for easy reading in direct sunlight, and an auto-brightness sensor which adjusts to the environment.

4K resolution

The 55” and 75” models offer advanced 4K resolution with excellent picture quality and colour contrast.

Internal network

Full internal network system with external 5G and WiFi antennas and the option to broadcast hotspot WiFi to users. Optional cellular 4G/5G modem.

Energy timer

Internal timer to turn the kiosk on and off automatically at designated times to save energy. The internal surge protection module protects the device from sudden surges in electric current.

Vandal-proof design

Security locks ensure the kiosk cannot be tampered with. IK10 rated glass protects against impact caused by vandalism or accidental damage.

Robust components

Manufactured to the highest standards with commercial-grade components, the displays are designed to run seamlessly 24/7.

3-year warranty

The Urban is provided with a standard 3-year warranty included for your peace of mind.

Optional extras and design

Air quality sensor (optional)

Detects and reports CO2, PM2.5, PM5, humidity and temperature levels.

RGB LED light

RGB LED light for a subtle background light with sequenced changes.

Sleek modern design

Sleek curved edges and a modern design fit into environments without disturbing the existing landscape.

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Specifications

The Urban kiosk is a made-to-order model offering a high level of customisation, including shell colour, touch or non-touch interactivity, side screen components, air sensors and choice of built-in player to run your chosen applications.

Model	Urban Smart City Kiosk	
	Screen size	**55”** / **75”**
Display	Main panels	TFT-LCD x 2 / TFT-LCD x 2
	Optional side screen	21.5” TFT-LCD panel, 1 or 2 depending on configuration
	Display resolution	4K (3840 x 2160) / 4K (3840 x 2160)
	Side screen resolution	1920 x 1080
	Viewing angles	178° V / 178° H
	Colour depth	16.7M
	Contrast ratio	1200:1
	Brightness (main screens)	3000 cd/m² / 2500 cd/m²
	Brightness (optional side screens)	1000 cd/m² *Customisation available*
	Display scale	16:9
Enclosure	Shell colour	Custom
	Cooling system	Fan cooling system with optional AC
	IP rating	IP65
	IK rating	IK10
Player	Player options	Ruggedised Intel NUC, Android RK3568 / RK3588
Power	Input voltage	AC 110V ~ 240V, 50/60Hz
	Power consumption	1600W / 3500W
		Exact consumption will be dependent on configuration

Where one value is shown across both sizes, it applies to both.

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	Screen size	55”	75”
Environment	Operating temperature	Urban with AC: -30°C ~ 55°C / -22°F ~ 131°F Urban with fan cooling: -20°C ~ 45°C / -4°F ~ 113°F	
	Operation humidity	10 ~ 85%	
Side screen modules	Optional modules	Speaker and microphone array Camera Emergency call button to link direct to emergency services or city control room (software required) Wireless fast chargers for mobile devices Motion sensor flood light	

Product codes

Product name	Product code
55” Urban Double-Sided Smart City Kiosk	LT-Urban55-OD-TWIN
75” Urban Double-Sided Smart City Kiosk	LT-Urban75-OD-TWIN
55” Urban Triple-Sided Smart City Kiosk with 1 x 21.5” side display module	LT-Urban55-OD-TRIPLE
75” Urban Triple-Sided Smart City Kiosk with 1 x 21.5” side display module	LT-Urban75-OD-TRIPLE
55” Urban Quad-Sided Smart City Kiosk with 2 x 21.5” side display modules	LT-Urban55-OD-QUAD
75” Urban Quad-Sided Smart City Kiosk with 2 x 21.5” side display modules	LT-Urban75-OD-QUAD

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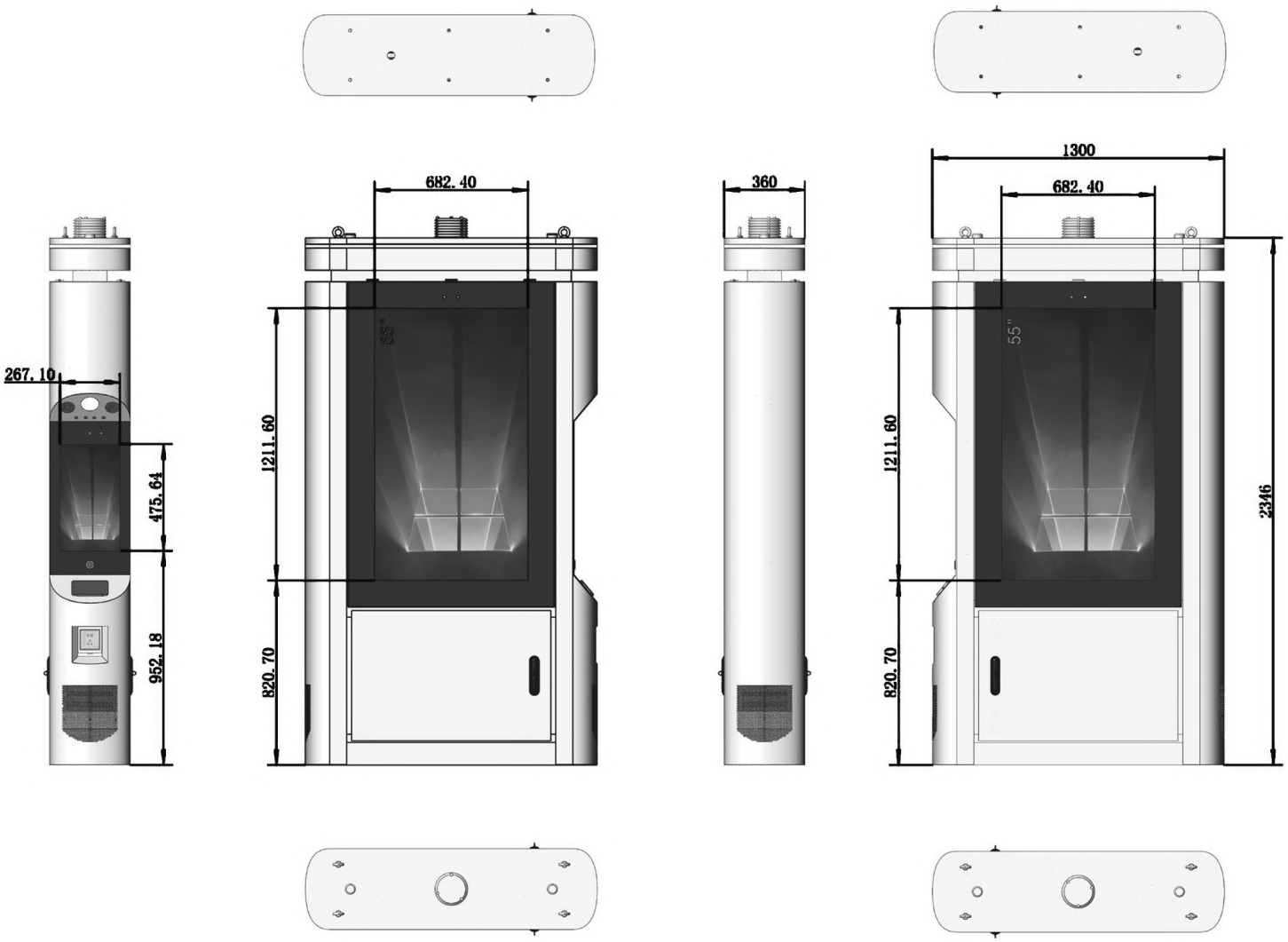
Technical drawings - 55” display

Drawing shows a 55” Urban Smart City Kiosk with 1 side screen. All measurements specified are in mm.



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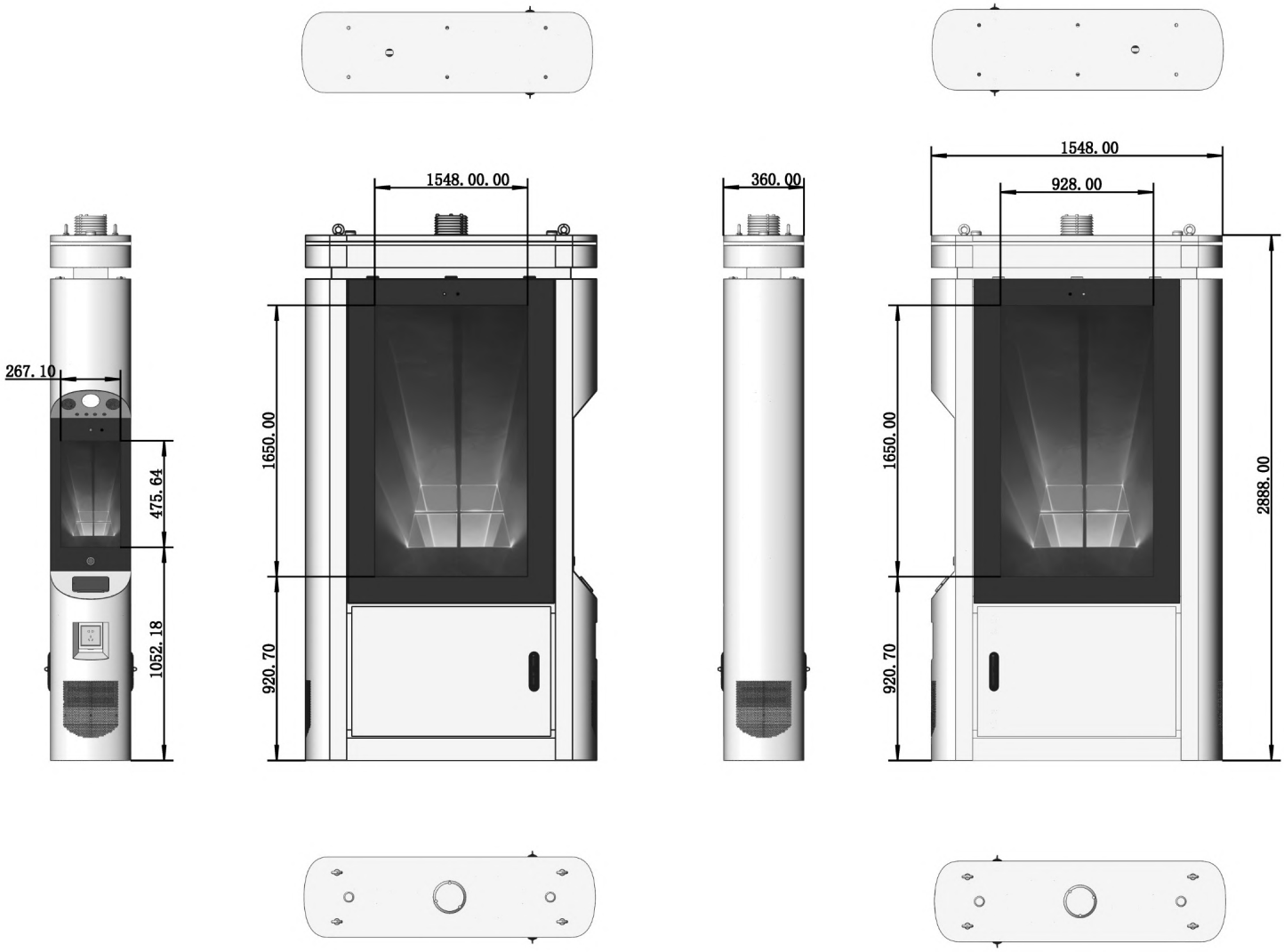
Technical drawings - 75” display

Drawing shows a 75” Urban Smart City Kiosk with 1 side screen. All measurements specified are in mm.



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Real-world applications

Designed for busy public spaces, the Urban brings information, wayfinding and advertising to the street, 24 hours a day, and is built to cope with weather, sunlight and vandalism. LamasaTech can also provide custom configurations depending on project requirements.

IDEAL FOR City centres • Tourist destinations • Transport hubs • Public spaces

Proven in the real world

From national retail media networks to hospitality venues, organisations rely on LamasaTech displays every day.

RETAIL · FRONT-OF-STORE DISPLAYS

Front-of-store displays for Co-op Media Network at 300 locations

Read the case study →

HOSPITALITY · LED VIDEO WALLS

A 5-metre LED video wall for Spearhead Hospitality's Valedor bar

Read the case study →

> *"Thank you for your hard work, expertise, and commitment. The displays look great, perform well, and we expect brands to see a positive ROI from front-of-store advertising."*
>
> **Dean Harris**, Head of Co-op Media Network

TRUSTED BY

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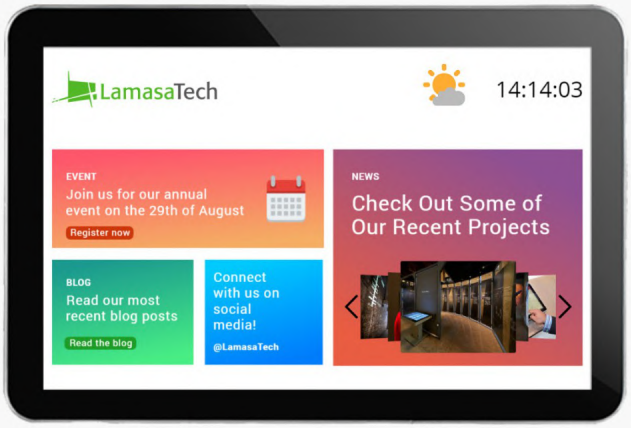
More solutions from LamasaTech

LCD video walls

Visitor sign-in kiosks



Cloud-based digital signage platform

For more information on our digital solutions, visit **www.lamasatech.com**

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