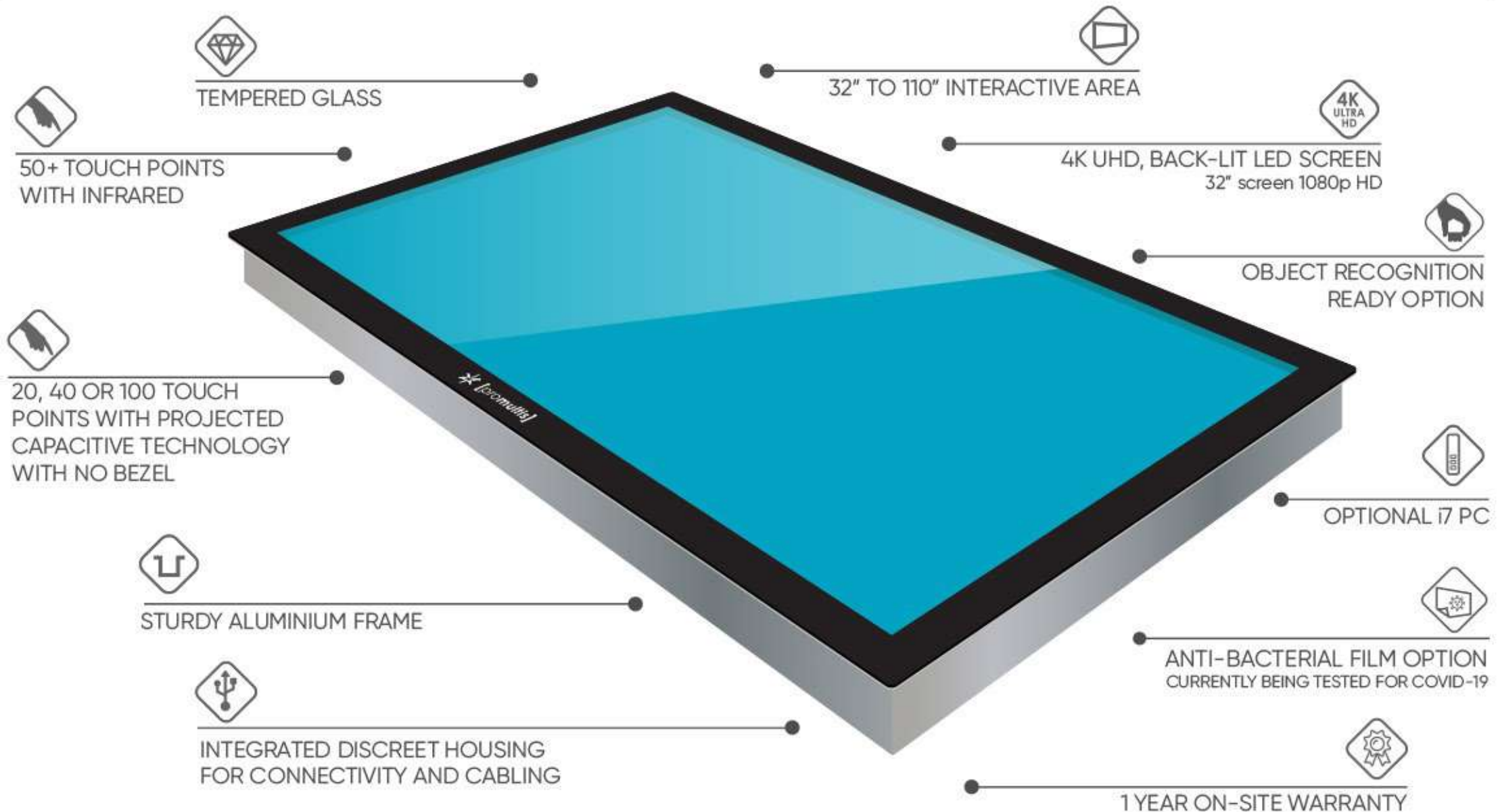




[promultis]

Insert

Pre-packaged multitouch solution that can be incorporated into your own designed facility, be it a table, cabinet or vertical installation.



[promultis]
MULTITOUCH SOLUTIONS



Made in Britain

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The Promultis insert is a pre-packaged multi-touch solution that can be incorporated into your own table, cabinet or wall.

It can be integrated into an existing or new piece of furniture or wall easily and with a minimum of fuss. It just requires a hole in the face of the structure with a routed lip for the insert to simply slot into place.

The internal cabling is accessed through the bottom of the unit inside the structure. The monitor can be connected to an existing PC or if required, a NUC PC can be built into the body of the casing.

The casing and glass top can be easily disassembled for easy maintenance.

Promultis inserts are ideal for:

- Reception Desks
- Conference Rooms
- Waiting Areas
- Dining Halls
- Exhibition Stands
- Libraries



The Promultis insert is available in various sizes of interactive areas from 32" to 86" and utilises two different touch technologies.

Infrared touch technology with bezel

Infrared touch uses light emitting diodes and sensors that are embedded in a bezel around the display and emit and detect rows and columns of infrared light across the face of the display. When you touch the surface with a finger (or other solid object), it creates a disturbance in this light which is picked up by the touch application on the screen. It supports multi-touch applications up to 32 touch points.

Projected Capacitive technology without bezel.

Projected Capacitive technology allows the front of the screen to be completely flat with no bezel. Promultis supplies versions with 20, 40 and 100 touch points.

A capacitive touch screen consists of a glass panel with capacitive material coating its surface. The screen measures the capacitance of a person touching the overlay and is interpreted by the monitor allowing the user to interact and navigate on the screen such as activating buttons or loading content such as text, graphics, pictures and video.



Colour bezel and logos

Select a bespoke colour for your Insert outer bezel and add a corporate logo.



Immerse Bespoke Interactive Software from Promultis

Promultis offers a bespoke software creation service where our software development team will create a multitouch interactive experience to run on your touch table. Visit our website at <https://immerse.promultis.info/> for example applications and case studies.



Software options

The Snowflake Suite Ultimate is perfect for education and training, its fully featured with all over 52 apps, including presentation, creativity and productivity tools, as well as games. It is intuitive and easy to use and customisable to suit your needs.



Object Recognition Ready

Object recognition is the ability to drop an interactive puck onto the screen and the screen to react to that object and display relevant content such as videos, pictures and graphics. Promultis offers an object recognition software service detailed on the Immerse website.

CHASSIS FEATURES	
Materials	Aluminium
Glass type	Toughened
PANEL	
Interactive area	32" 43" 49" 55" 65" 75" 85" 110"
Panel resolution	1080p HD or 4K UHD 3840 x 2160
Native resolution	1080x1920 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power USB HDMI
Remote control	Included
User manual	Included
WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	50+
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	20 / 40 / 100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10; Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

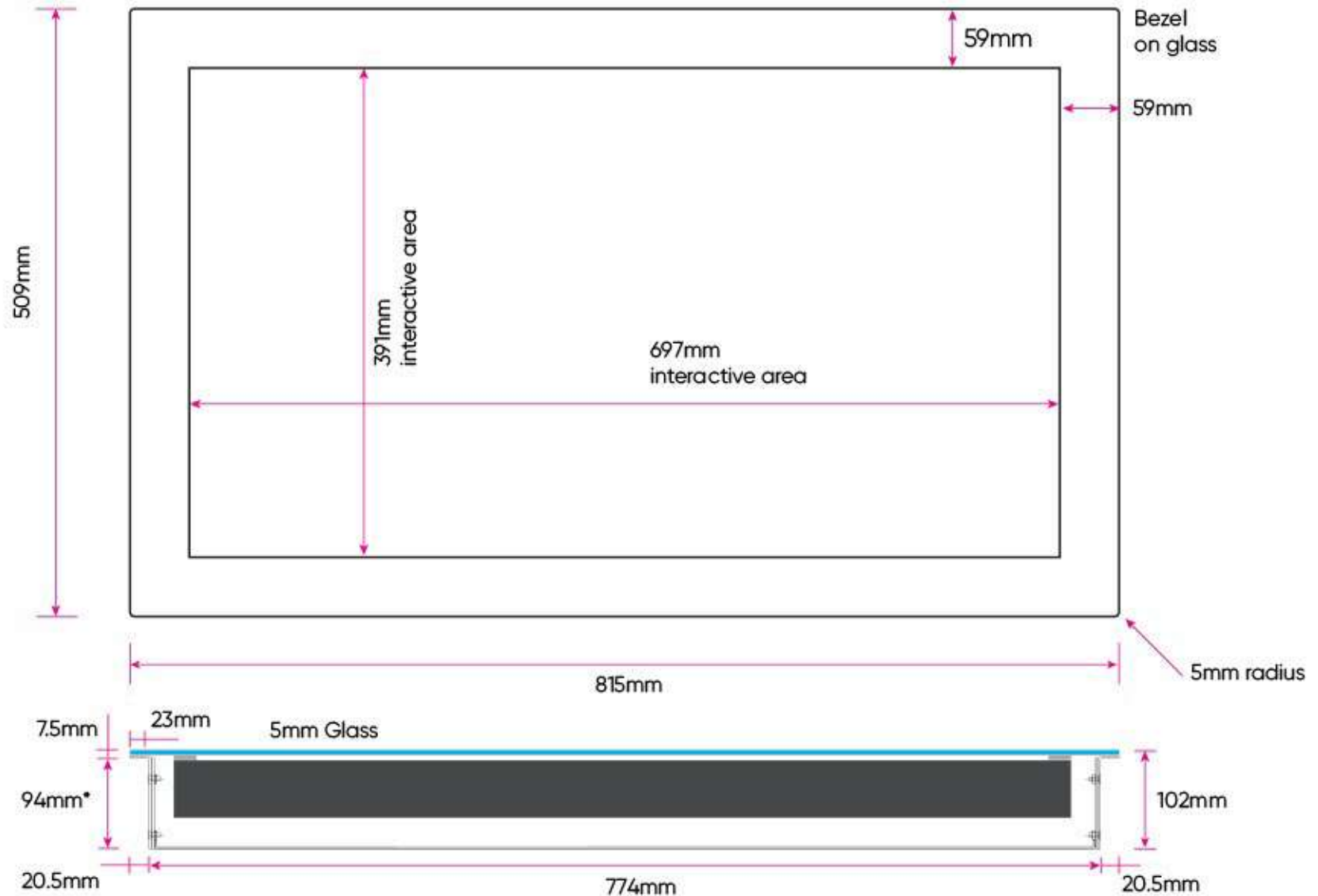
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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[promultis]

Insert with 32" interactive area



*Please note height will vary due to monitor depth

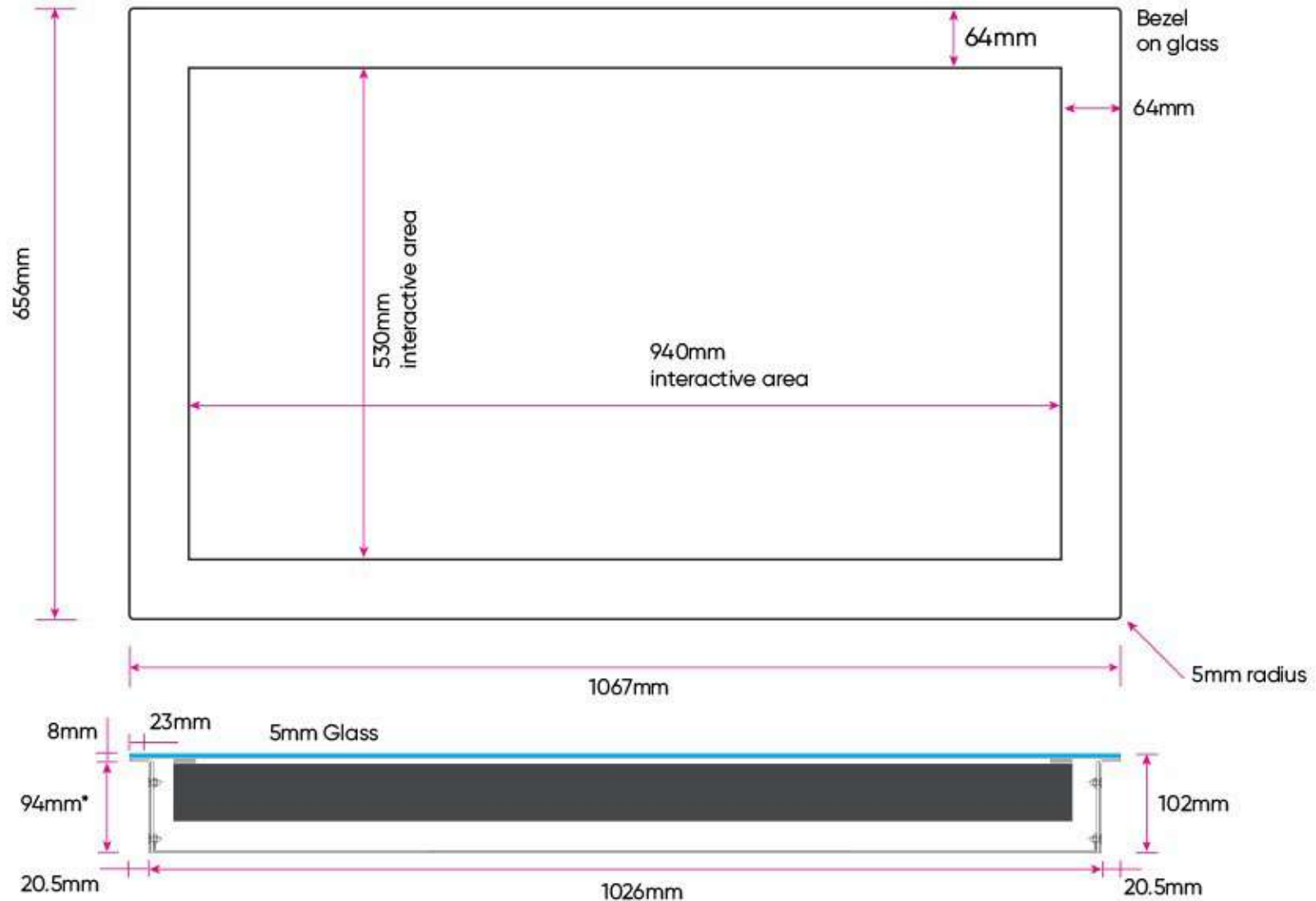
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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[promultis]

Insert with 43" interactive area



*Please note height will vary due to monitor depth

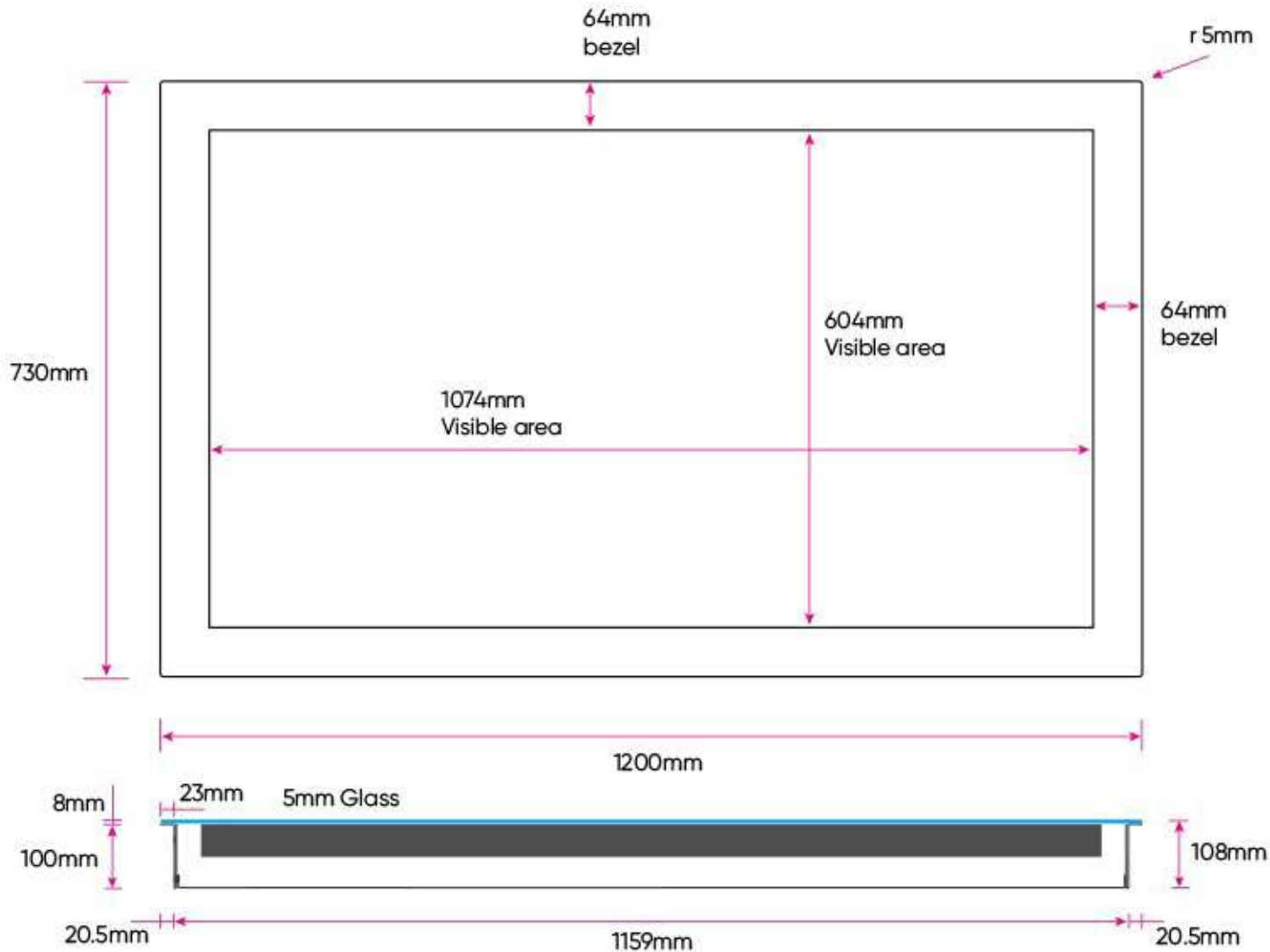
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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[promultis]

Insert with 49" interactive area



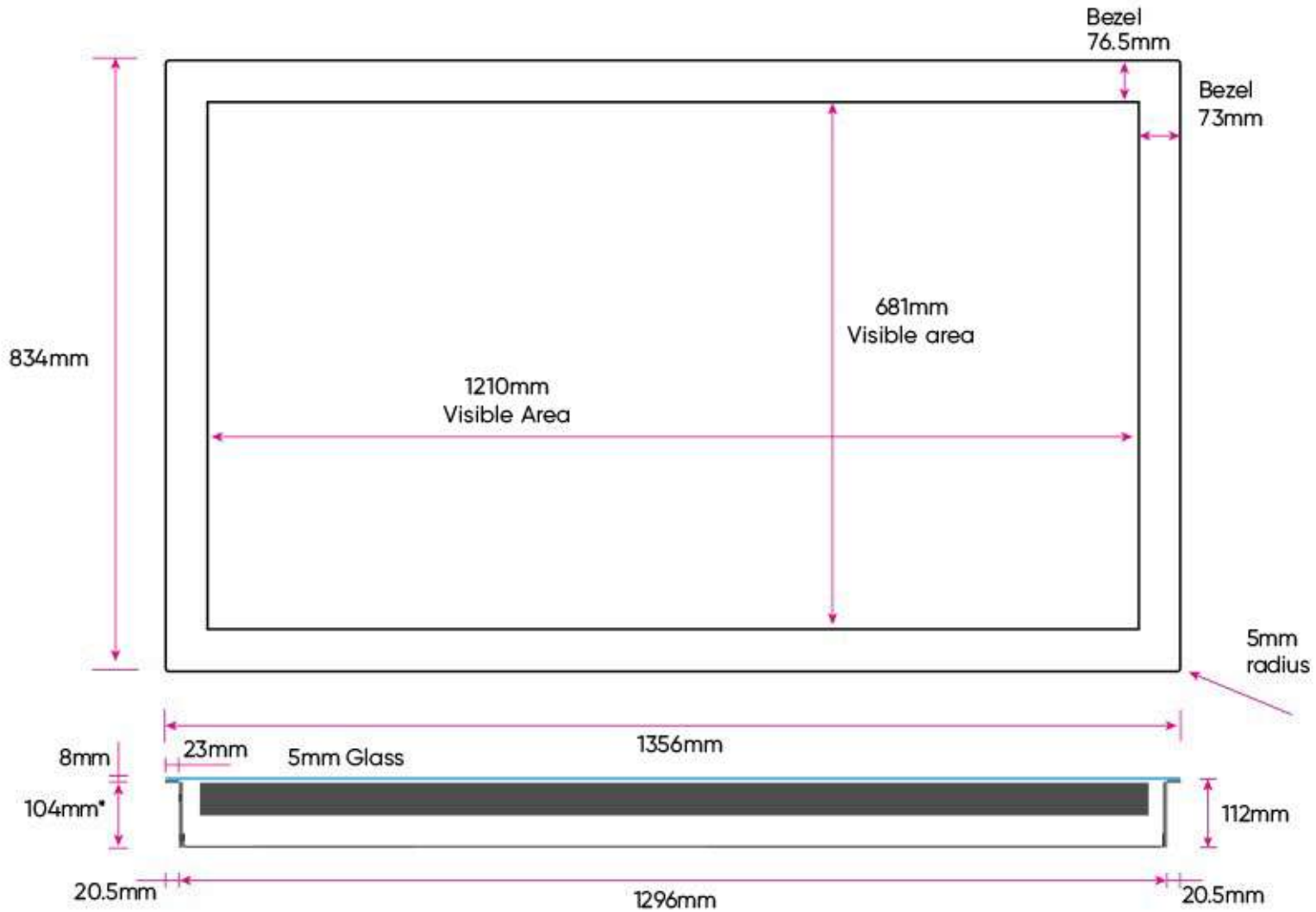
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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[promultis]

Insert with 55" interactive area



*Please note height will vary due to monitor depth

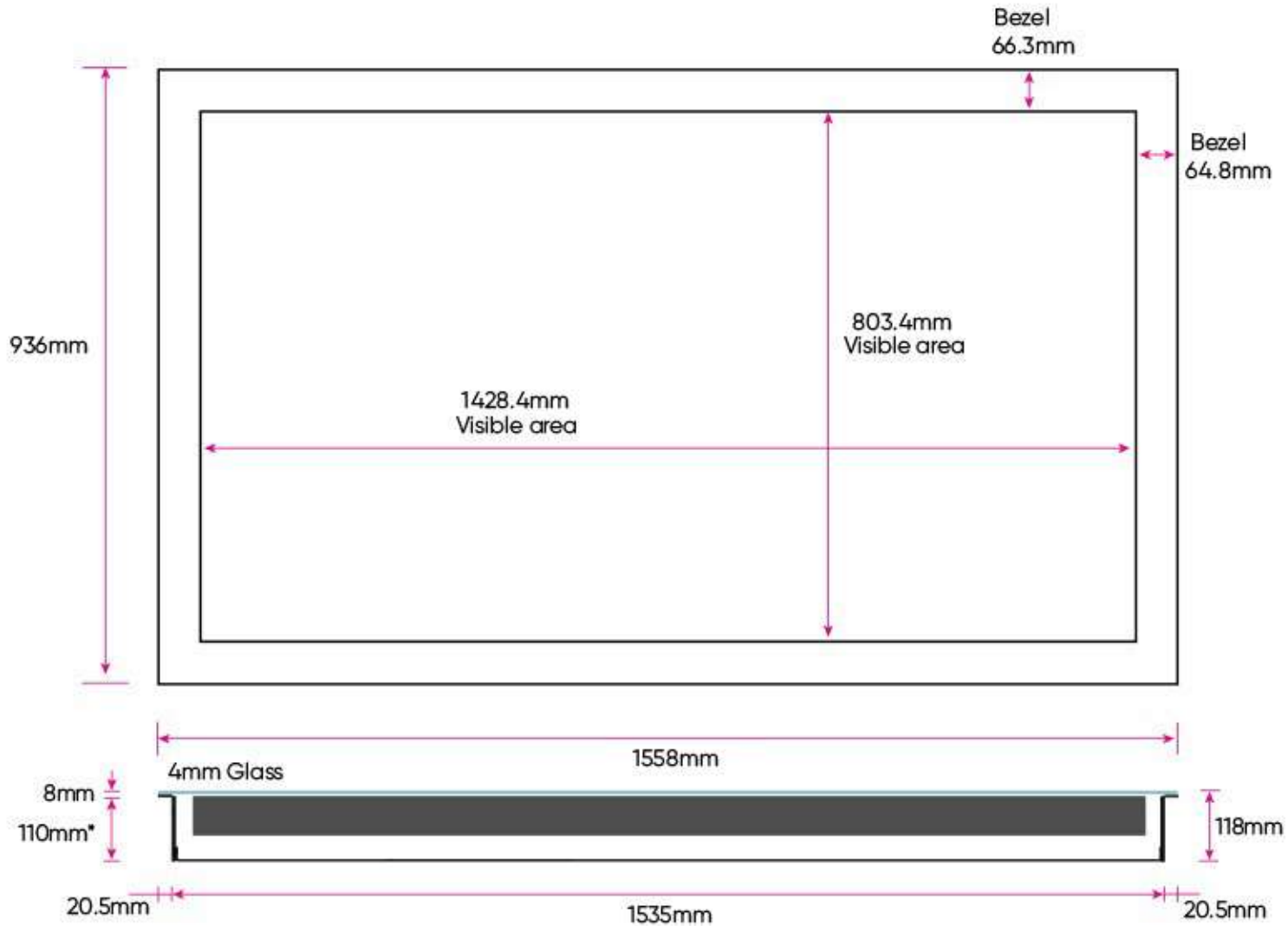
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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[promultis]

Insert with 65" interactive area



*Please note height will vary due to monitor depth

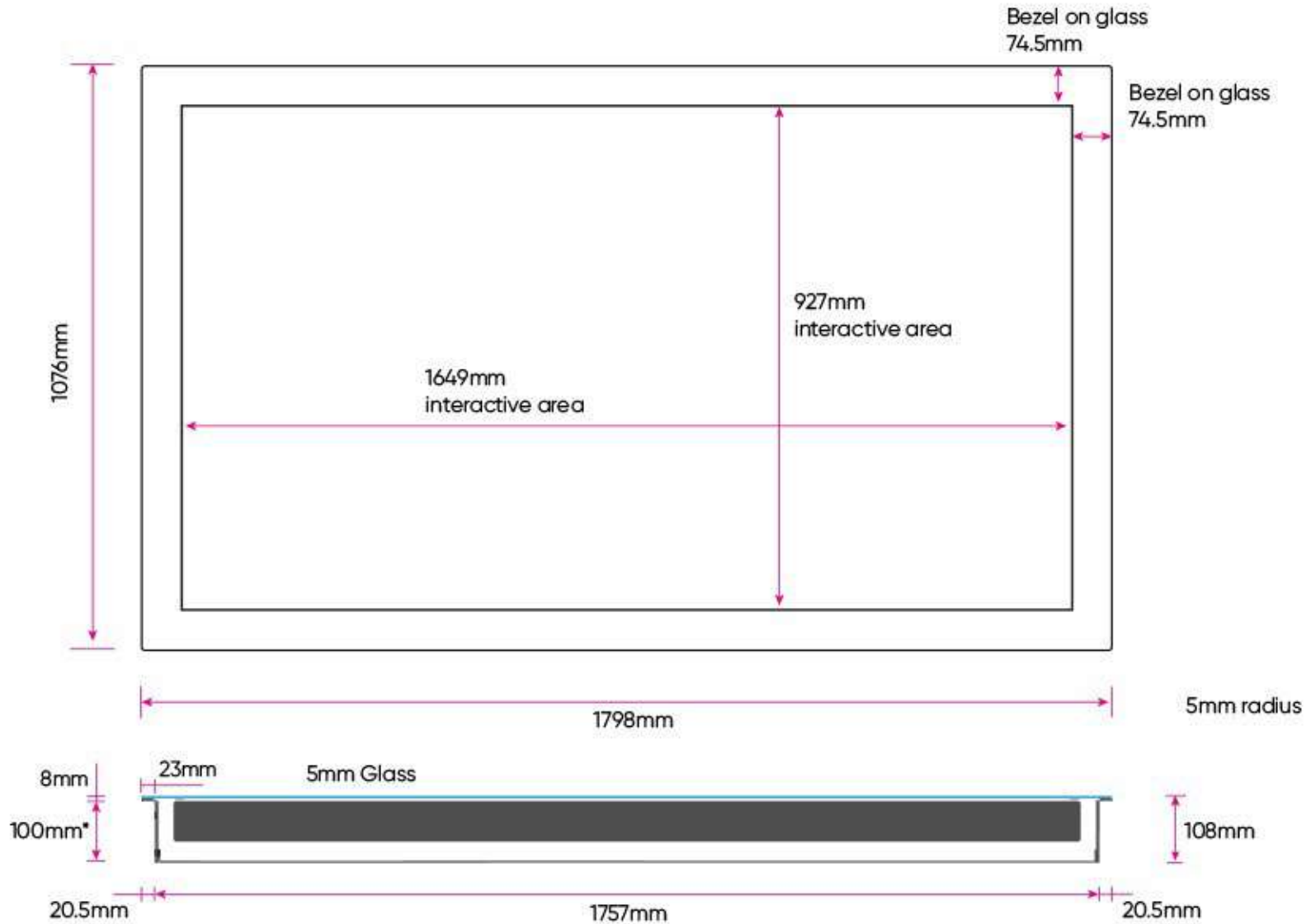
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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[promultis]

Insert with 75" interactive area



*Please note height will vary due to monitor depth

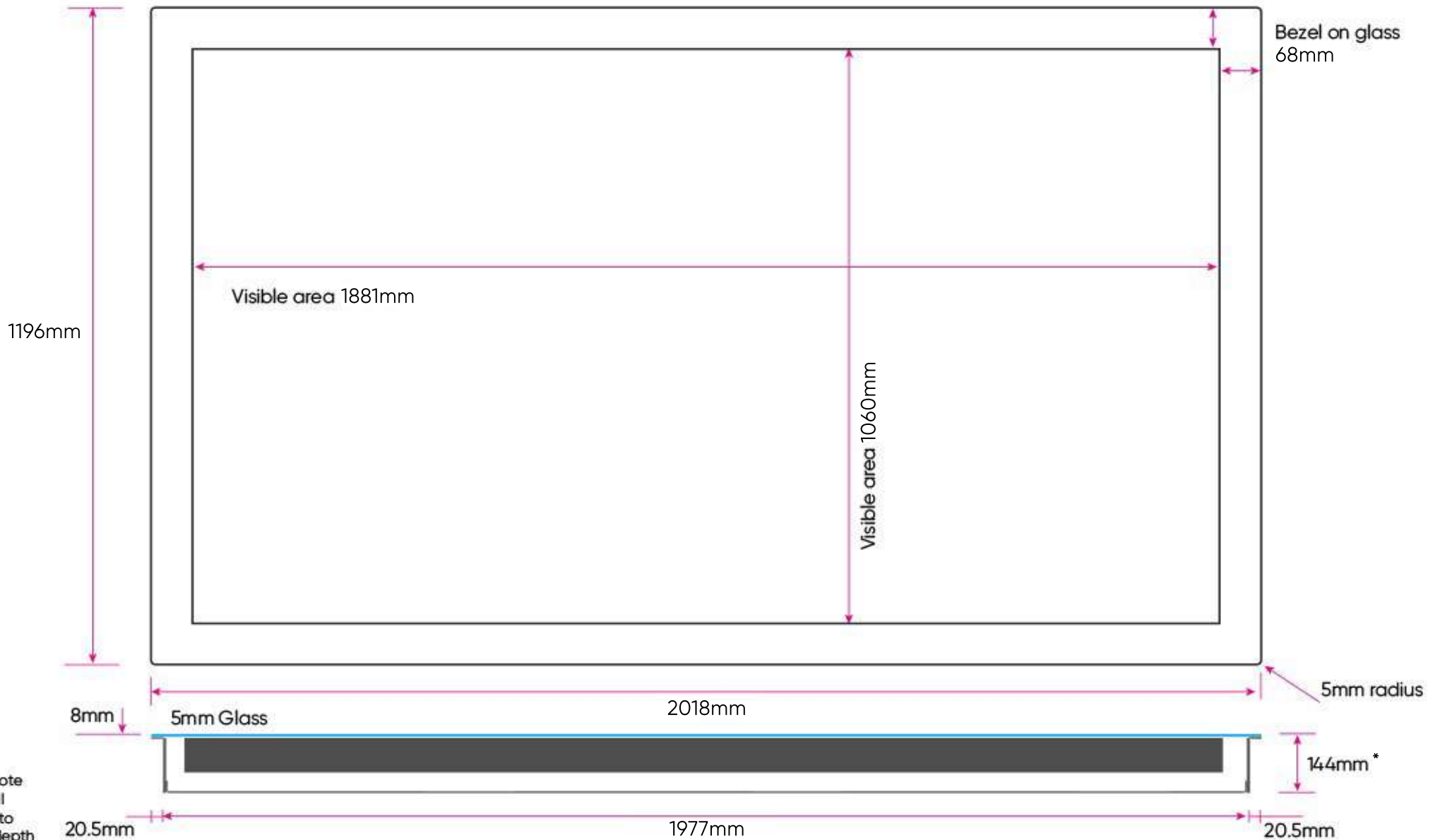
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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[promultis]

Insert with 85" interactive area



*Please note height will vary due to monitor depth



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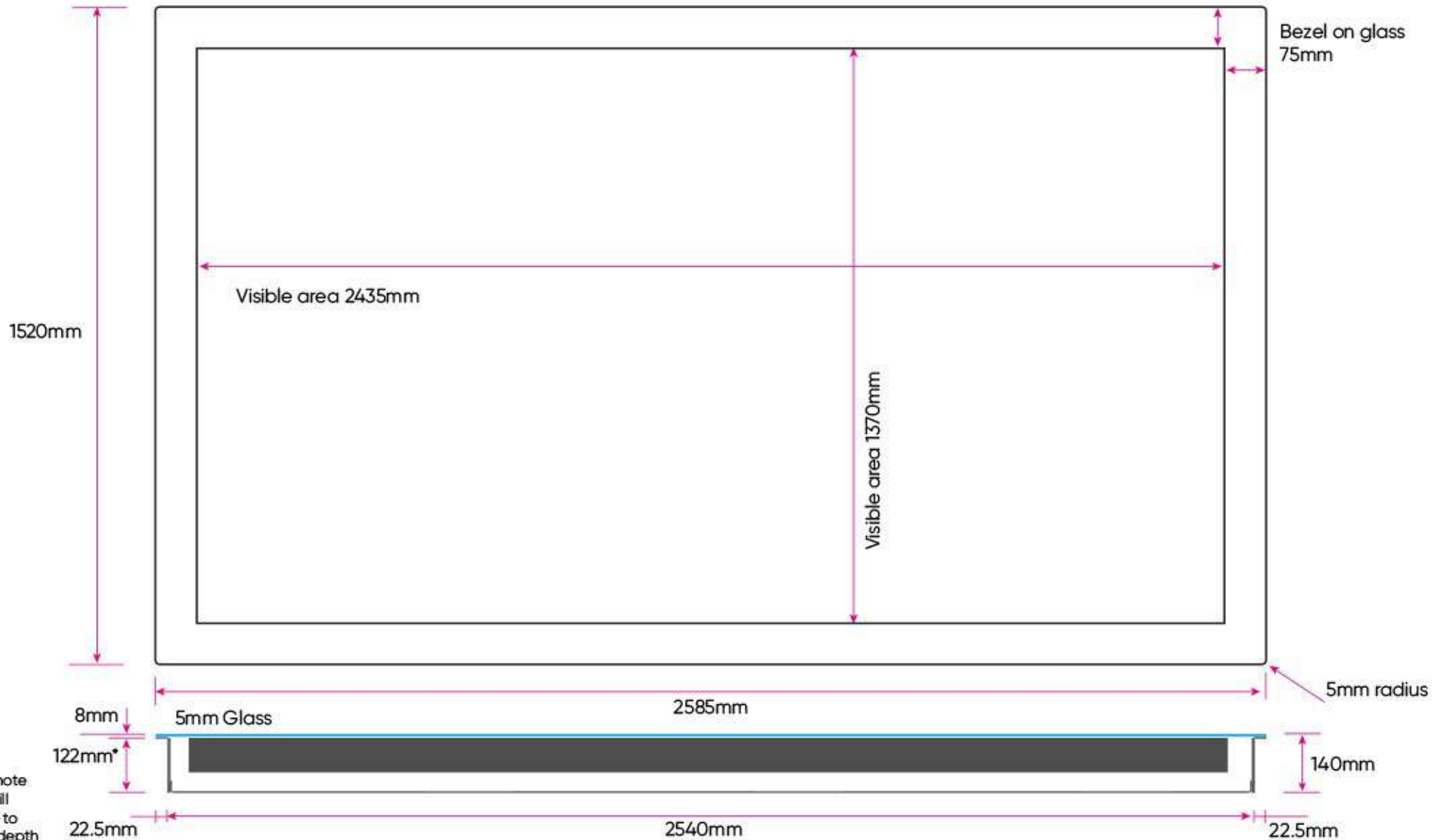
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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Insert with 110" interactive area



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Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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