



# TFT Information Display

## GFNI

The full-color, full-graphics display with fine pixel pitch perfectly displays text, graphic symbols, images, videos, web pages and live broadcasts. High brightness ensures excellent readability even in bright conditions. Various mounting options, screen orientation and interactive touchscreen are available. Thanks to the special Text-To-Speech module, even visually handicapped can use our information systems. They are provided with the necessary traffic information via synthetic voice output. The panels are suitable for indoor use.



# Features

## TFT Technology

TFT technology allows free configuration of screen areas. Full graphic display with fine pixel pitch perfectly displays text, graphic symbols, images, videos, web pages and even live broadcasts.

- High brightness display guarantees excellent readability even in direct sunlight.
- Fully graphic display shows public transport information, train and bus departures, general passenger information as well as advertising messages and other multimedia.
- Interactive variant with a touchscreen.

## Information System

Possibility of making the display as an autonomous display element or as part of larger information system.

- Management by an external master computer makes tracking and controlling easier.
- Power and runtime data are automatically monitored.

## Mechanical Design

- Stable construction made of aluminium and stainless steel elements in RAL color of customer's choice.
- Protection degree IP40.
- Tempered safety glass (ESG) with thickness 5 mm and anti-reflective coating.
- Shock resistance IK10 for 43" and 50" displays, IK09 for 55" display.
- Wall mounting or free-standing type.
- Single sided design, horizontal or vertical screen orientation.
- Easy access to all internal modules from back side makes easier to check up and replace internal parts.

## Operation

- The display is designed for reliable usage 24/7 in indoor conditions.
- Choose from two types of modes according displays usage.

## Text-to-Speech Module

Specially developed module for visually handicapped person.

- The module provides the necessary information via synthetic voice output from 8W speakers.

## Various Areas of Use



Public Transport  
and Bus Stops



Train Stops  
and Stations



Railway Stations

Time	Estimated	Train	Line	Destination	Via	Platform
15:58		ST 7981	R21	BIRGMINGHAM	Milton Keynes	5 A-F
16:00		ST 3418	R19	MANCHESTER	Sheffield	3 A-F
16:03		T 8751	R22	LIVERPOOL	Birmingham	3 A-C
16:10		ST 1147	R20	NEWCASTLE	York	6 D-E
16:46		Exp. 1547	R23	EXETER	Salisbury	4 A-D
16:58		ST 7981	R21	BIRMINGHAM	Milton Keynes	5 A-F
17:00		ST 3418	R19	MANCHESTER	Sheffield	3 A-F
17:03		T 8751	R22	LIVERPOOL	Birmingham	3 A-C



TFT  
Technology



Full Color  
RGB Display



Touch Display  
Option



Brightness up  
to 1500 nits



Usage 24/7



Management  
and Monitoring System



Passive Cooling  
without Fans



LAN  
Connectivity



Text-To-Speech  
Module



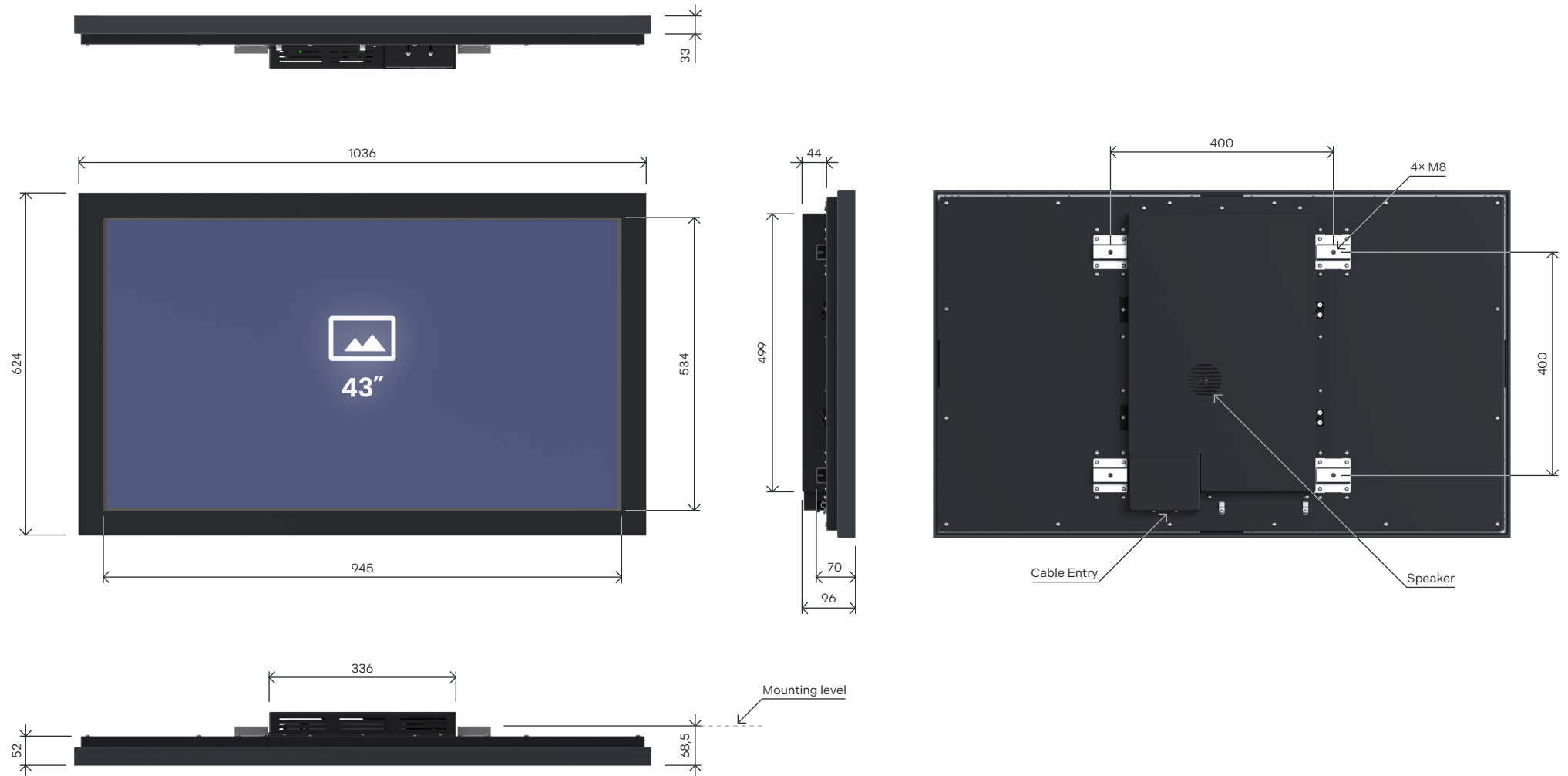
Suitable for  
Indoor Use

# Technical Parameters

GFNI.		43.500	43.1500	50w.700	50w.1500	55.1500	
Display	size	43"		50" ultrawide		55"	
	type	industrial, TFT, 24/7, HTNI					
	brightness	500 nits	1500 nits	700 nits	1500 nits	1500 nits	
	contrast	3 000:1		4 000:1		1100:1	
	number of colors	16,7 million					
	brightness control	manual settings					
	resolution	1920 × 1080 px (Full-HD)		1920 × 540 px		1920 × 1080 px (Full-HD)	
	viewing angle	178° / 178°					
	screen orientation	horizontal (landscape) or vertical (portrait)					
	Casing	construction	aluminium casing and profiles				
service access		from back side					
glass		material	tempered safety glass (ESG), thickness 5 mm, anti-reflective coating				
		shock resistance	IK10			IK09	
dimensions [mm] W × H × D		wall mounting	1036 × 624 × 94		1306 × 436 × 96		1308 × 779 × 120
		free-standing type	1036 (horizontal) / 624 (vertical) × 1700 × 124		-		-
weight [kg] approx.		wall mounting	25		25		40
		free-standing type	approx. 65 (horizontal / vertical)		-		-
protection degree		IP40					
surface finish		powder coated paint					
security		wall mounting	-				
		free-standing type	cylindrical lock		-		-
Operating Environment		operating temperature	0 to +30 °C				
	storage temperature	0 to +45 °C					
	humidity	10 to 90 %, without condensing					
Connectivity	standard	LAN					
Power	power voltage	100–240 VAC / 50–60 Hz					
	max. power consumption	115 W	190 W	70 W	115 W	380 W	
Options		Text-to-Speech module with 8W speaker and receiver for visually handicapped					
		touch screen control			-		
Mounting	wall mounting	wall bracket, VESA 400 × 400 mm, 4× M8		wall bracket, VESA 600 × 200 mm, 4× M8		wall bracket, VESA 600 × 400 mm, 4× M8	
	free-standing type	free-standing type mounting with anchoring to the floor		-		-	

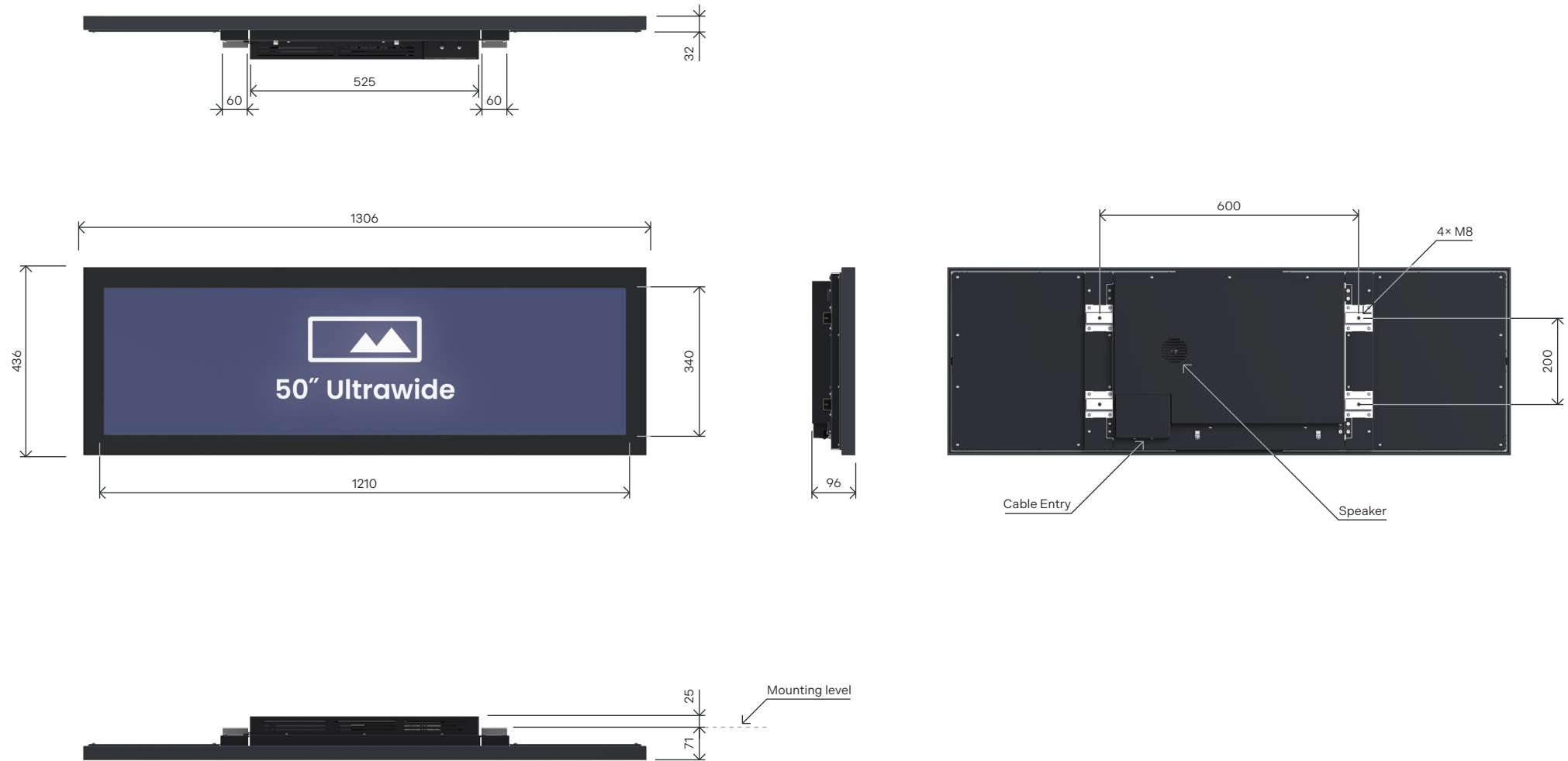
# GFNI.43 Dimensions – Wall Mounting

Active display area: 930×534 mm



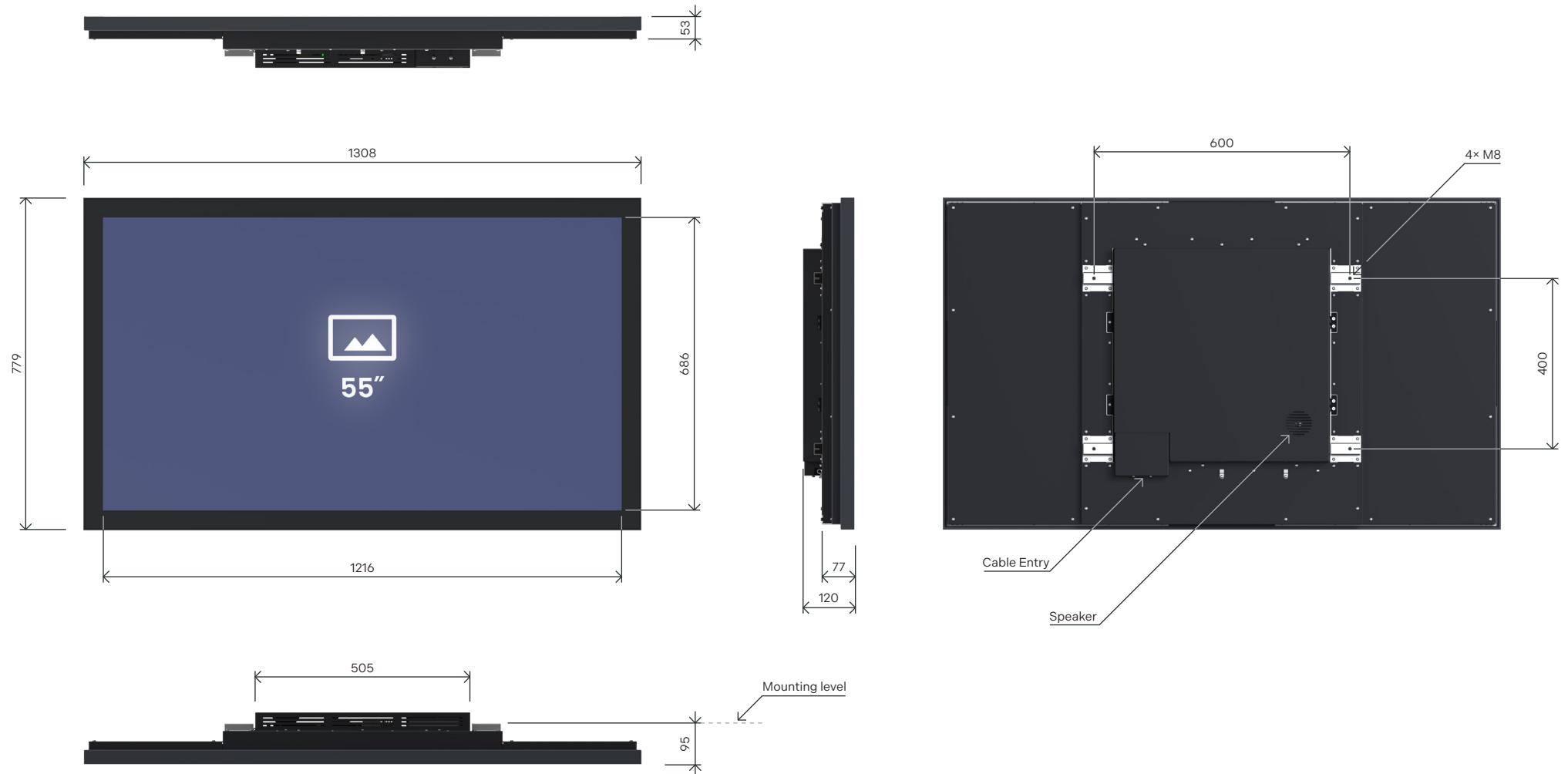
# GFNI.50w Dimensions – Wall Mounting

Active display area: 1210× 340 mm



# GFNI.55 Dimensions – Wall Mounting

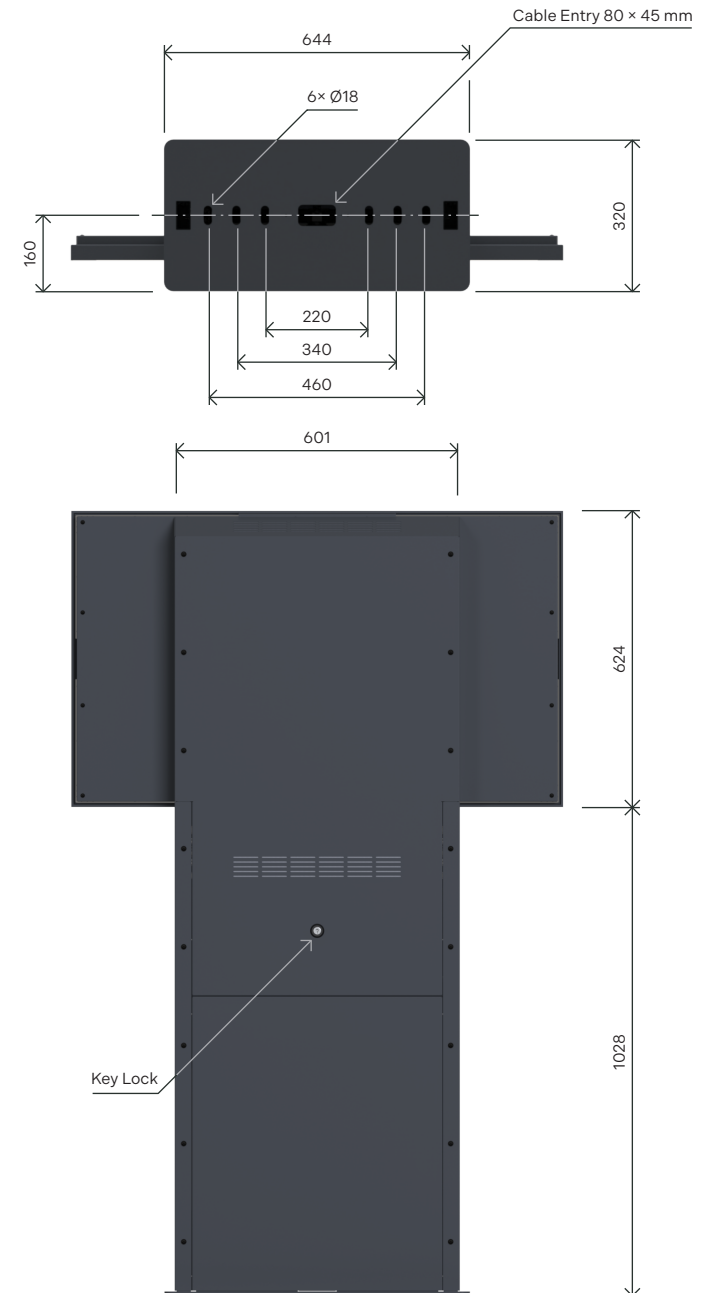
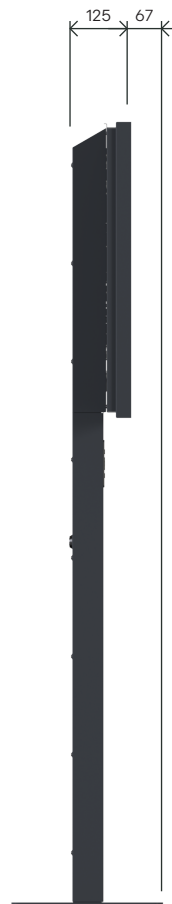
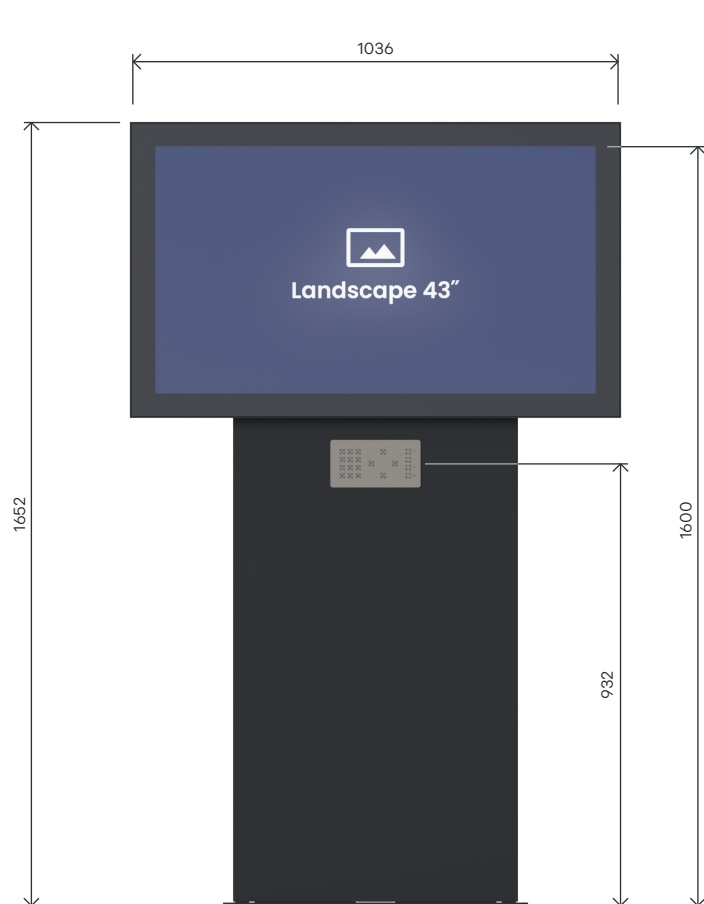
Active display area: 1216 × 686 mm



# GFNI.43 Dimensions – Free-Standing Type Mounting

## Horizontal Screen Orientation – GFNI.43.x.x.H.K

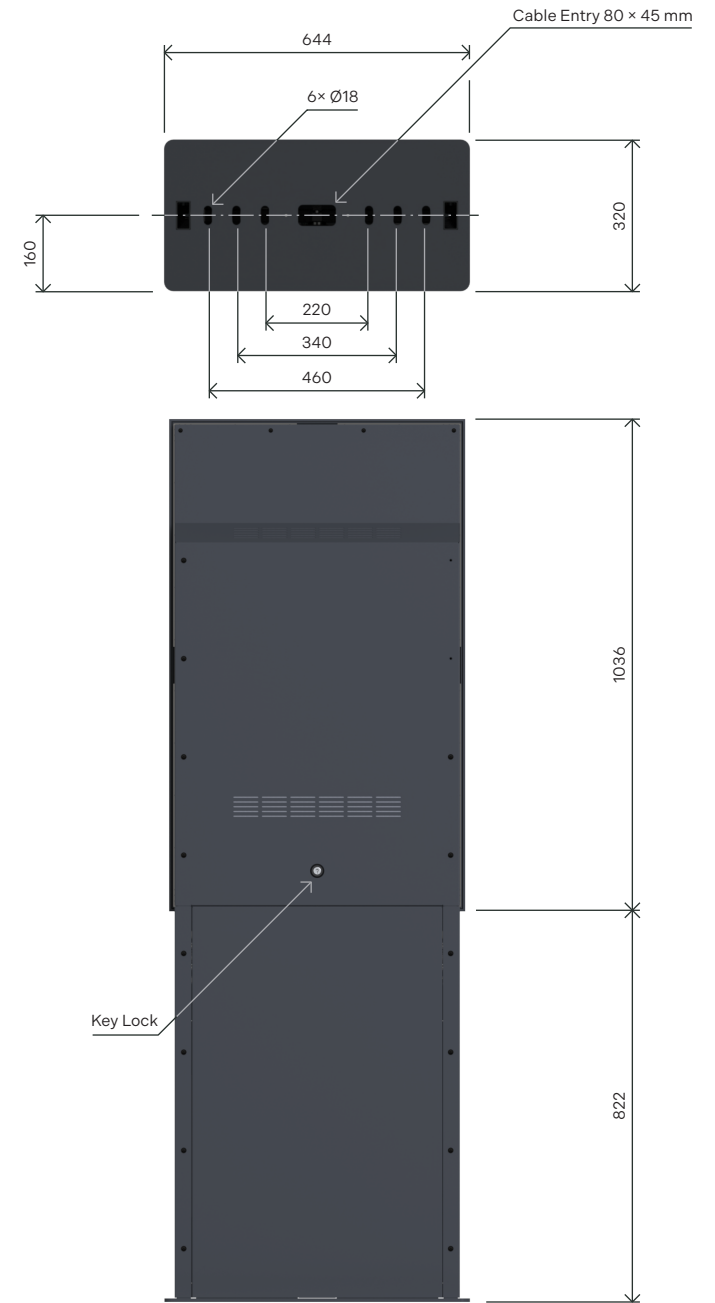
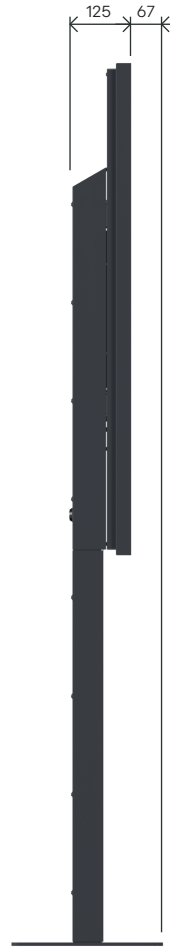
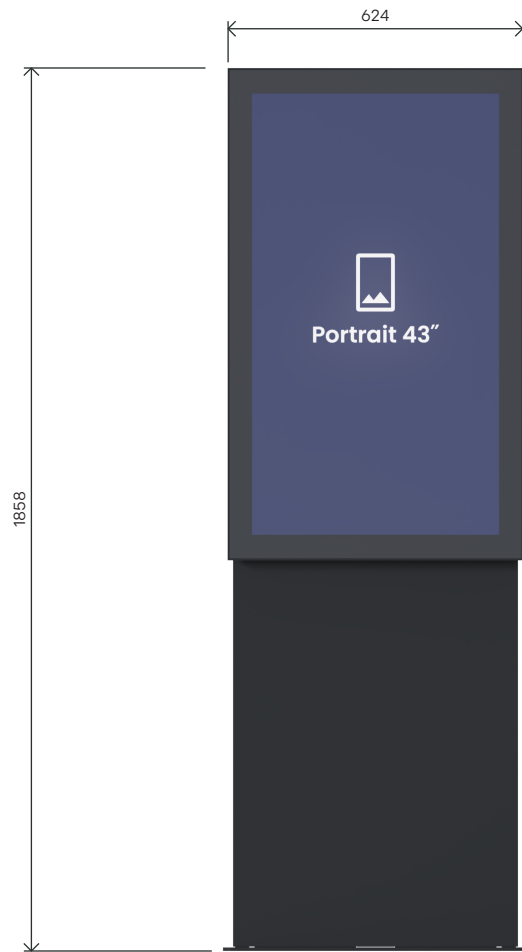
Active display area: 930 × 523 mm



# GFNI.43 Dimensions – Free-Standing Type Mounting

## Vertical Screen Orientation – GFNI.43.x.x.V.K.S2

Active display area: 523 × 930 mm



# Order Reference

## 1 Display Size

43" TFT display	43
50" TFT widescreen display	50w
55" TFT display	55

## 2 Display Brightness

500 nits	500
700 nits	700
1500 nits	1500

## 3 Design

Single sided	N
Single sided with touchscreen display	NT

## 4 Screen Orientation

Horizontal (Landscape)	H
Vertical (Portrait)	V

## 5 Mounting

Wall mounting	N
Free-standing type mounting	K

## 6 Options

(if more than one options is selected, include the extension code in order indicated separated by dot)

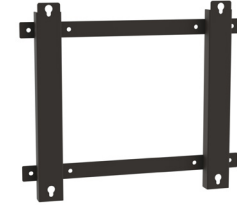
Anti-Vandal buttons for visually handicapped	VIB
Text-to-Speech module with 8W speaker and receiver for visually handicapped	TTS
LAN connectivity	LAN
WiFi connectivity	WIFI
LTE connectivity	LTE
Fiber optics connectivity	FO
Mounting on top floor surface	S1
Mounting on top floor surface, raised design	S2
Industrial PC with Windows OS	IPC

## 7 Frame Color

Matte black	RAL9005
Light grey	RAL7040
Antracite	RAL7016
Frame color on request	RALxxxx

## Accessories

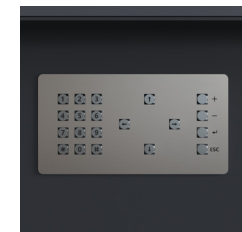
Fixed wall holder	WHF
Tilt-able wall holder	WHT



Fixed wall holder



Tilt-able wall holder



VIB option

Order example:

**GFNI.43.1500.NT.H.K.VIB.TTS.RAL7016**

GFNI	1	2	3	4	5	6	7
	Display Size	Display Brightness	Design	Screen Orientation	Mounting	Options	Frame Color

# Get in Touch

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