

TFT Information Display

GFN

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 sunlight. Various mounting options, screen orientation and interactive touchscreen variant 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 outdoor 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 IP54.
- Highly durable laminated safety glass (LGS) with 6.8 mm thickness and anti-reflective coating.
- Shock resistance IK10 for 43" display, IK09 for 55" display.
- Wall mounting or free-standing type.
- Single sided design, horizontal or vertical screen orientation.
- Cooling is ensured by temperature controlled fans with fault detection and dust filters.
- Easy access to all internal modules after tilting the front panel makes easier to check up and replace internal parts.

Operation

- The display is designed for reliable usage 24/7 in indoor or outdoor 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 Station



TFT Technology



Full Color RGB Display



Touch Display Option



Brightness up to 2500 nits



Usage 24/7



Management and Monitoring System



Integrated Temperature Control



Option WiFi, LTE or Fiber Optics



Text-To-Speech Module



Suitable for Outdoor Use

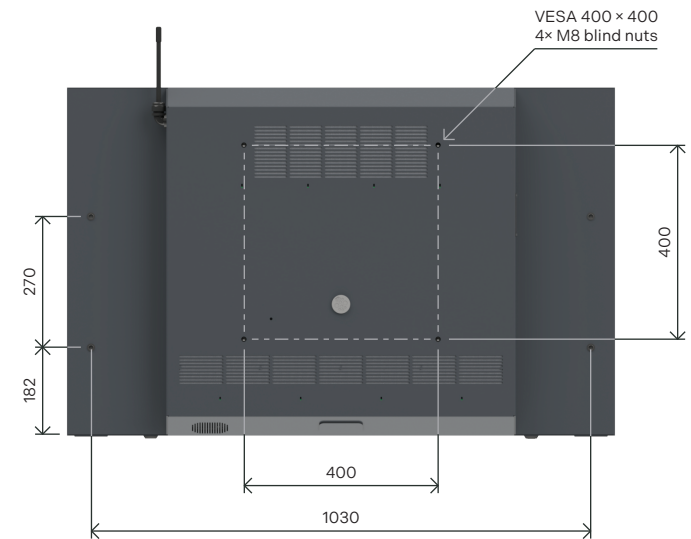
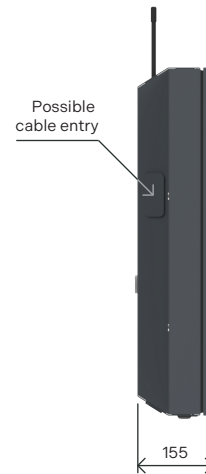
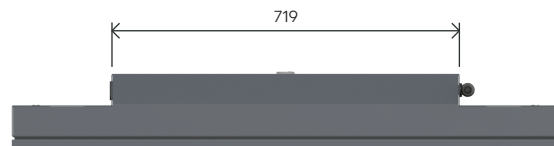
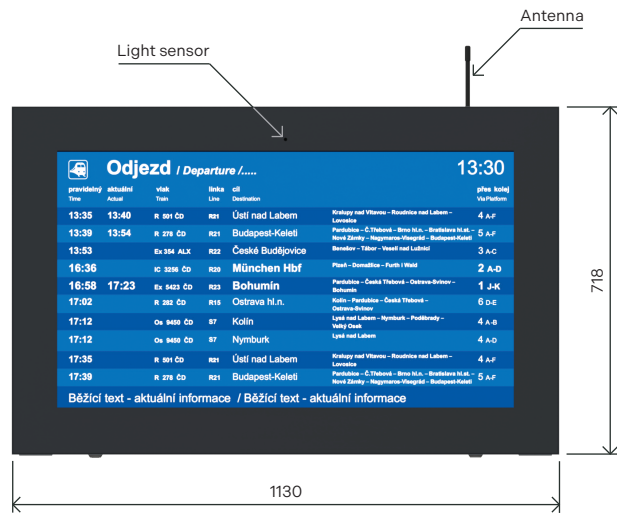
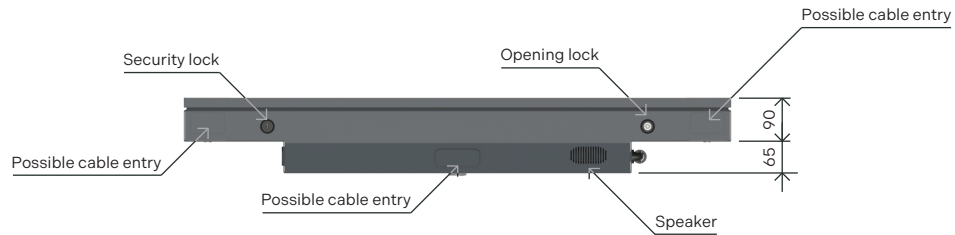
Technical Parameters

GFN.		43.500	43.1500	43.2500	55.2500	
Display	size		43"		55"	
	type	industrial, TFT, 24/7, HTNI				
	brightness	500 nits	1 500 nits	2 500 nits	2 500 nits	
	contrast	3 000:1	4 000:1	1300:1	1100:1	
	number of colors	16,7 million				
	brightness control	automatically controlled by ambient light conditions				
	resolution	1 920 x 1 080 px (Full-HD)				
	viewing angle	178° / 178°				
	screen orientation	horizontal (landscape) or vertical (portrait)				
	Casing	construction	aluminium and stainless steel casing and profiles			
service access		tilting frame with cover glass				
glass		material	laminated safety glass (LSG), thickness 6.8 mm, anti-reflective coating			
		shock resistance		IK10		IK09
dimensions [mm] W × H × D		wall mounting	1 130 × 718 × 155			1 400 × 875 × 215
		free-standing type	1 036 (horizontal) / 624 (vertical) × 1 700 × 124			-
weight [kg]		wall mounting	50			70
		free-standing type	100 (horizontal) / 85 (vertical)			-
protection degree		IP54				
surface finish		powder coated paint				
security		industrial lock with special key				
noise level		max. 69 dB – at maximum cooling system power				
Temperature Management		cooling	temperature controlled fans with fault detection and dust filters			
		heating		90 W		100 W
	operation temperature	-20 to +40 °C				
	storage temperature	+5 to +45 °C				
	humidity	10 to 90 %, without humidity				
	max. intensity of solar radiation	1 120 W/m ²				
Connectivity	standard	LAN				
	on request	WiFi, LTE, fiber optics				
Power	power voltage	100–240 VAC / 50–60 Hz				
	max. power consumption	230 W	290 W	400 W	500 W	
Option		Text-to-Speech module with 8W speaker and receiver for visually handicapped				
			touch screen control		-	
Mounting	wall mounting	wall bracket, VESA 400 x 400 mm, 4x M8			wall bracket, VESA 600 x 400 mm, 4x M8	
	free-standing type	free-standing type mounting with anchoring to the floor			-	

GFN.43 Dimensions – Wall Mounting

Horizontal Screen Orientation – GFN.43.x.x.H.N

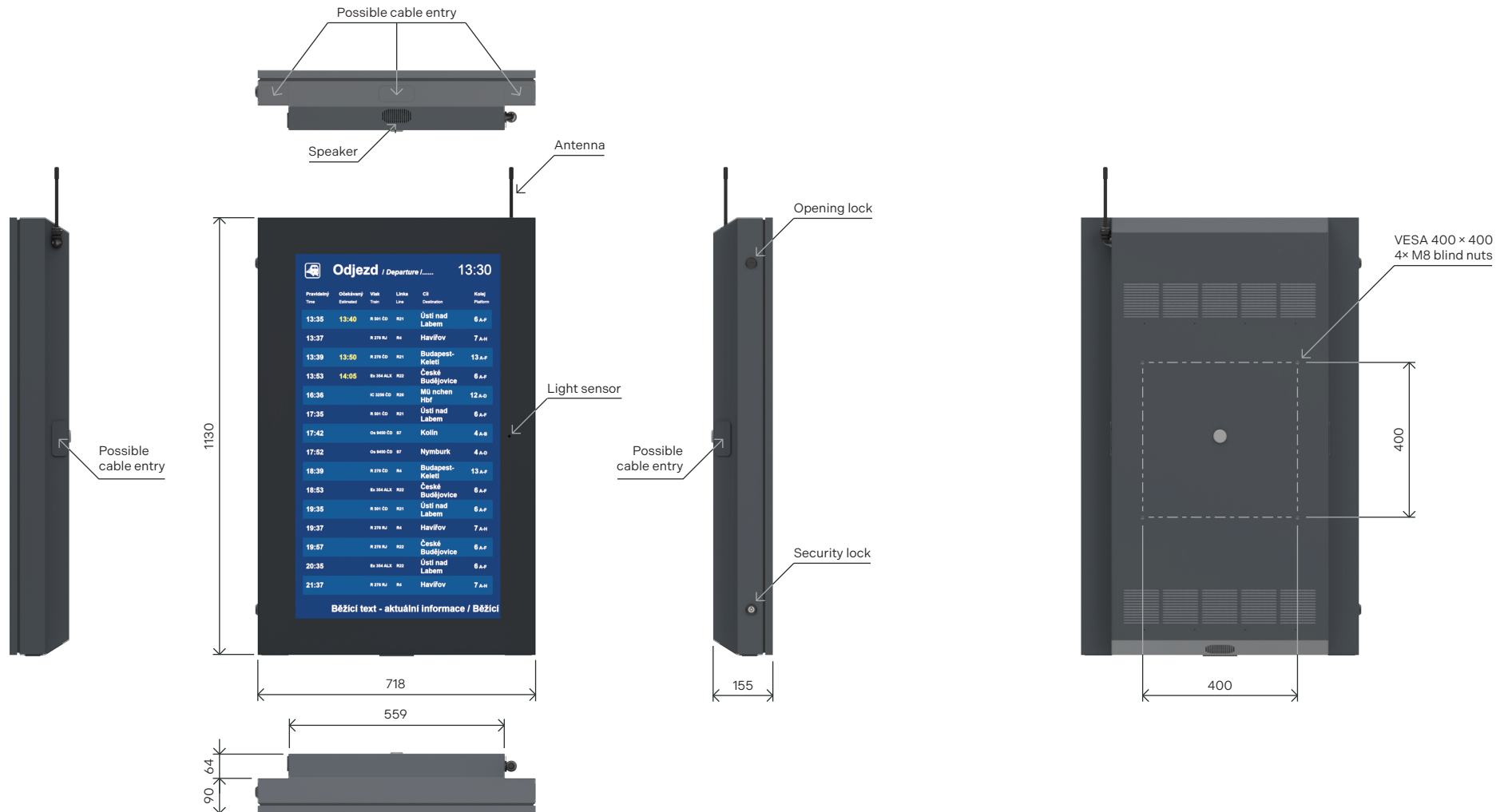
Active display area: 941 × 529 mm



GFN.43 Dimensions – Wall Mounting

Vertical Screen Orientation – GFN.43.x.x.V.N

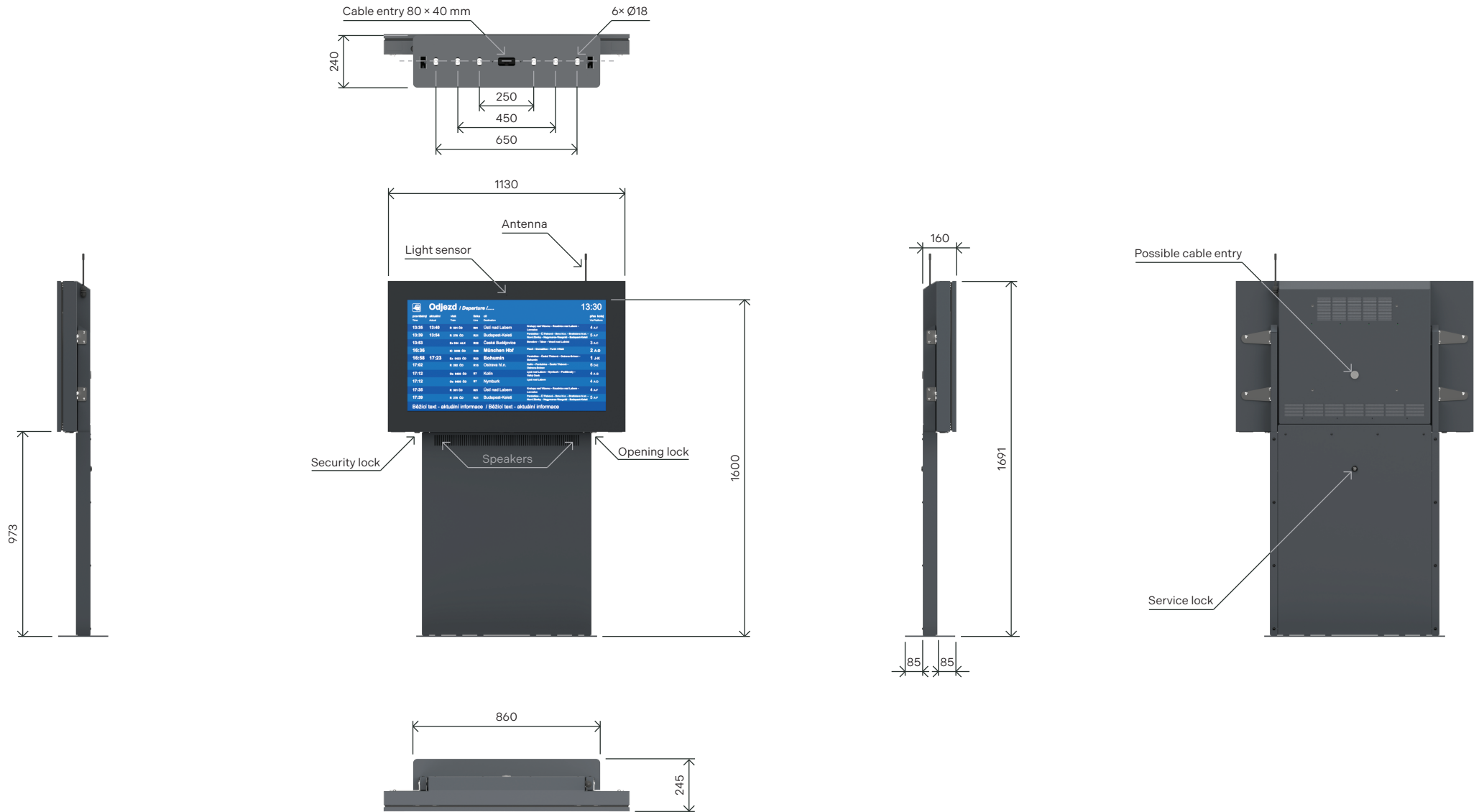
Active display area: 529 × 941 mm



GFN.43 Dimensions – Free-Standing Type Mounting

Horizontal Screen Orientation – GFN.43.x.x.H.K

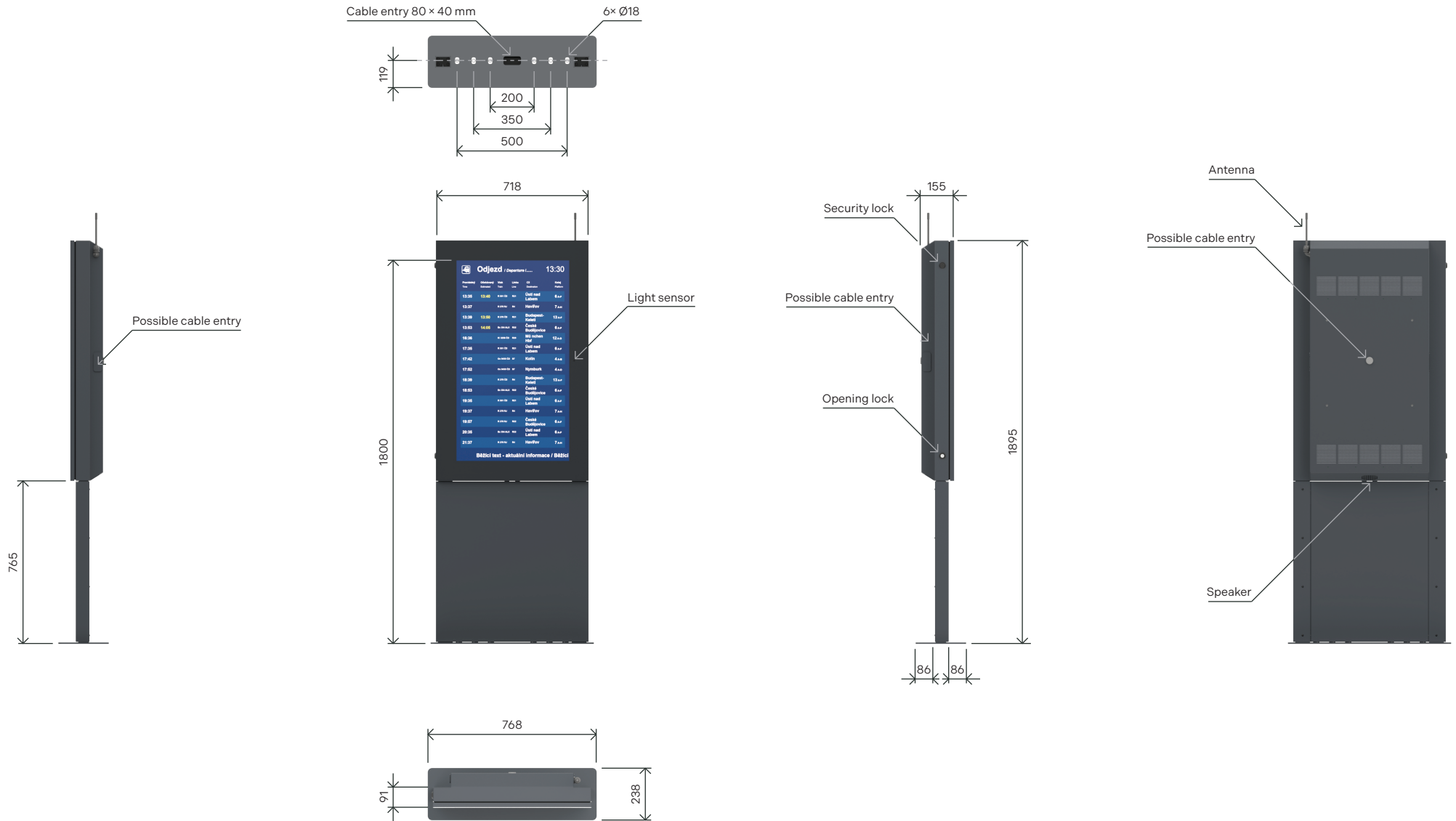
Active display area: 941 × 529 mm



GFN.43 Dimensions – Free-Standing Type Mounting

Vertical Screen Orientation – GFN.43.x.x.V.K

Active display area: 529 × 941 mm



Order Reference

1 Display Size

43" TFT display	43
55" TFT display	55

2 Display Brightness

500 nits (not available for 55" display)	500
1500 nits (not available for 55" display)	1500
2500 nits	2500

3 Design

Single sided	N
Single sided with touchscreen display	NT

4 Screen Orientation

Horizontal	H
Vertical	V

5 Mounting

Wall mounting	N
Free-standing type mounting (not available for GFN.55)	K

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

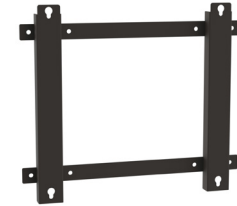
Anti-Vandal buttons for visually handicapped	VIB
Text-to-Speech module with 8W speaker and receiver for visually handicapped	TTS
LAN connectivity	LAN
WiFi connectivity	WiFi
LTE connectivity	LTE
Fiber optics connectivity	FO
Mounting on top floor surface	S1
Industrial PC with Windows OS	IPC
Remote device restart trigger option	RR
Power outage notification	PFN

7 Frame Color

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

Accessories

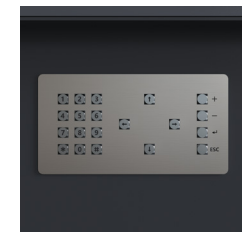
Fixed wall holder	WHF
Tilt-able wall holder	WHT



Fixed wall holder



Tilt-able wall holder



VIB option

Order example:

GFN.43.1500.NT.V.N.FO.TTS.RAL5003

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

Get in Touch

Vyškov office



ELEKON, s.r.o.

Brněnská 364/17, Vyškov, 682 01



+420 517 302 000



elekon@mobatime.cz



www.mobatime.cz

Prague office



ELEKTROČAS s.r.o.

Podkovářská 800/6, Praha 9, 190 00



+420 723 452 710



info@elektrocas.cz



www.mobatime.cz

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Since 1995 we have been a member of the international holding MOSER-BAER AG and our products under the prestigious MOBATIME brand are exported all over the world.

