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. 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.
- Highly durable laminated safety glass (LGS) with 6.8 mm thickness and anti-reflective coating.
- Wall mounting.
- 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 2 500 nits

Usage 24/7

Management and Monitoring System

Integrated Temperature Control

Option WiFi, LTE or Fiber Optics
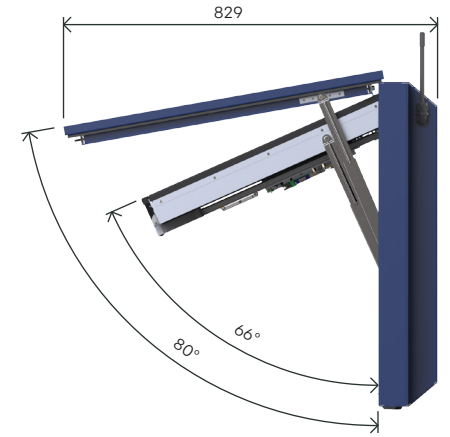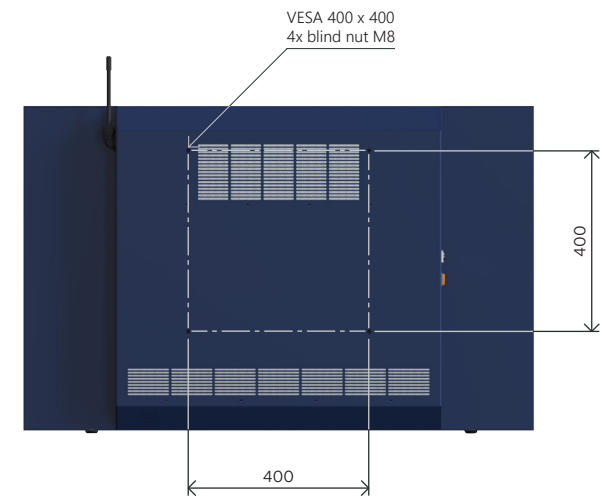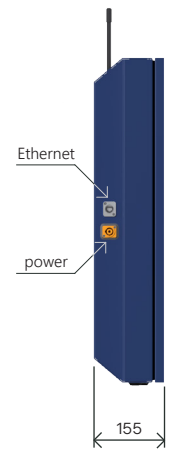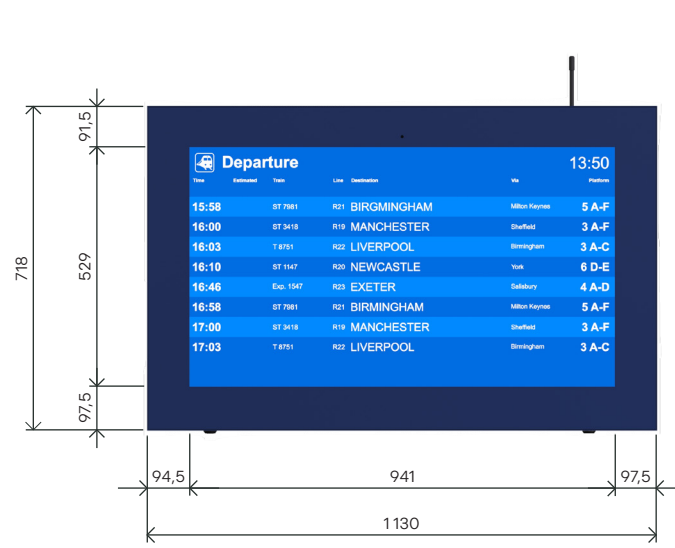
Text-To-Speech Module

IP 54
Suitable for Outdoor Use

Technical parameters

GFN.		43.700	43.1500	43.2500	55.2500
Display	size		43"		55"
	type		industrial, TFT, 24/7, HTNI		
	brightness	700 nits	1 500 nits	2 500 nits	2 500 nits
	contrast	3 000:1	4 000:1	1 300:1	1 100:1
	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		laminated safety glass (LSG), thickness 6.8 mm, anti-reflective coating		
	dimensions [mm] W × H × D		1 130 × 718 × 155		1 400 × 875 × 215
	weight [kg]		50		70
	protection degree		IP 54		
	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 bracket, VESA 400 x 400 mm, 4x M8		wall bracket, VESA 600 x 400 mm, 4x M8

GFN.43 Dimensions

security lock

speaker

opening lock

90

719

VESA 400 x 400
4x blind nut M8

91,5

718

529

97,5

94,5

941

97,5

1 130

Ethernet

power

155

400

400

Departure 13:50

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

829

400

80°

66°

Order Reference

1 Display Size

43" TFT display	43
55" TFT display	55

2 Display Brightness

700 nits (not available for 55" display)	700
1 500 nits (not available for 55" display)	1500
2 500 nits	2500

3 Design

Single sided	N
Single sided with touchscreen display	NT

4 Screen Orientation

Horizontal	H
Vertical	V

5 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

6 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
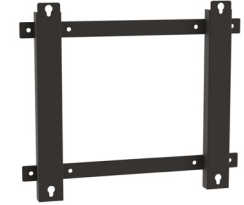
Fixed wall holder

Tilt-able wall holder

VIB option

Order example:

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

GFN	.	1	.	2	.	3	.	4	.	5	.	5
		Display Size		Display Brightness		Design		Screen Orientation		Options		Frame Color

Get in Touch

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Your Partner Across Time...

We are a traditional Czech company operating in the field of timekeeping and display technology. Our success is evidenced by our continuous growth, both in terms of company size and expansion of our product range or export abroad.

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.

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