

SMS

Signum
monitor

The Signum SMS monitors operate in the harshest outdoor areas, such as railway platforms, bus stations or any other environment subjected by sun exposure and temperatures up to 35°. Thanks to Fida's proprietary cooling technology and sealing system, the SMS monitor can be installed under direct sunlight, rain, snow, in the presence of salt, dust, or pollution and is designed for 24/7 operation. The high-brightness 1500 nit LED backlight Full-HD LCD display panel is visible even under the brightest sunlight. The enclosure is made entirely of aluminum, immune to electromagnetic interference, and especially known for its excellent resistance to corrosion, while the front door is made of laminated 4 + 3 mm shatterproof glass. The Signum Full-Outdoor Monitors are available in different sizes, from 24" to 46", with portrait and landscape screen orientation.



ENVIRONMENT

Outdoor
IP55/IP65 water/dust proof
IK10 vandal proof
Temperature range from -30°C to +35°C

TECHNOLOGY AND USAGE

Sunlight readable
High brightness 1500nit
24/7 usage
Advanced diagnostic system
Frontal door for easy maintenance

STRUCTURE

Main structure in anti-corrosive aluminium
Antiglare safety 4+3 tempered glass
Safety Lock and invisible screws and hinges
Wide range of accessories for wall and pole mounting

AVAILABLE SIZES

portrait

32" 43"

landscape

24" 32" 37" S 43" 46"

	SMS.L24MB	SMS.P32MB	SMS.L32MB	SMS.P43MB	SMS.L43MB	SMS.L46MB	SMS.L37sMB
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General

Stretch Format

Screen orientation	Landscape	Portrait	Landscape	Portrait	Landscape	Landscape	Landscape
Screen size (inch)	24"	32"		43"		46"	37s"
Screen active area (cm)	52,7 x 29,6	69,8 x 39,2		52,9 x 94,1		57,2 x 101,9	90,4 x 25,4
Display brightness (nit)	1.500	1.500		1.500		1.500	1.500
Screen resolution (pixel)	Full HD - 1920x1080	Full HD - 1920x1080		Full HD - 1920x1080		Full HD - 1920x1080	1920 x 540
Contrast ratio (typ)	5000:1 (typ)	1200:1 (typ)		4000:1 (typ)		4000:1 (typ)	4000:1 (typ)
Viewing angle (H/V)	178° / 178°	178° / 178°		178° / 178°		178° / 178°	178° / 178°
Backlight Life Cycle	50.000 hours	50.000 hours		50.000 hours		50.000 hours	70.000 hours
System operation	24/7/365	24/7/365		24/7/365		24/7/365	24/7/365

Environment

Environment protection	Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)	Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)		Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)		Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)	Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)
Sun exposure	partial	partial		partial		partial	partial
Operating temperature	-30°C / +35°C (IP55 vers.) -30°C / +30°C (IP65 vers.)	-30°C / +35°C (IP55 vers.) -30°C / +30°C (IP65 vers.)	-30°C / +35°C (IP55 vers.) -30°C / +30°C (IP65 vers.)	-30°C / +35°C (IP55 vers.) -30°C / +30°C (IP65 vers.)	-30°C / +35°C (IP55 vers.) -30°C / +30°C (IP65 vers.)	-30°C / +35°C (IP55 vers.) -30°C / +30°C (IP65 vers.)	-30°C / +35°C (IP55 vers.) -30°C / +30°C (IP65 vers.)
Environment humidity	10% - 90%	10% - 90%		10% - 90%		10% - 90%	10% - 90%
Antivandal protection	IK10	IK10		IK10		IK10	IK10

Enclosure

Air cooling system	ventilation	ventilation		ventilation		ventilation	ventilation
Enclosure material	Aluminium	Aluminium		Aluminium		Aluminium	Aluminium
Glass	Laminated glass (4mm + 3mm)	Laminated glass (4mm + 3mm)		Laminated glass (4mm + 3mm)		Laminated glass (4mm + 3mm)	Laminated glass (4mm + 3mm)
Glass reflection	Antiglare	Antiglare		Antiglare		Antiglare	Antiglare
Standard enclosure color	Black (RAL 9005)	Black (RAL 9005)		Black (RAL 9005)		Black (RAL 9005)	Black (RAL 9005)
Standard glass color	Black (RAL 9004)	Black (RAL 9004)		Black (RAL 9004)		Black (RAL 9004)	Black (RAL 9004)

Power

Vac supply	230V AC +/- 10	230V AC +/- 10		230V AC +/- 10		230V AC +/- 10	230V AC +/- 10
Power consumption (typ)	75W	156W		180W		165 W	115W

Dimensions

Height (cm)	45	85,5	55	109,5	69	74,5	44
Width (cm)	68	55	85,5	69	109,5	119,3	109,5
Depth (cm)	12,5	12,5	12,5	12,5	12,5	12,5	12,5
Weight (Kg)	22	35	35	38	38	41	31
Notes							

main

OPTIONS

- PCAP Touch Screen
- Cellular Router

- Media Converter
- Mini PC

- Client Logo
- Mount Brackets