

WMO

Wave monitor



The Wave WMO semi-outdoor monitors are very rugged industrial displays completely made of corrosion-free aluminum for applications in unsupervised places. Protected against dust and strong water jets, the frontal laminated 4+3 mm safety glass, and aluminum body, provide optimum protection against weathering and vandalism. The WMO monitors are therefore an excellent means of communication for train stations, subways, bus shelters, companies, ports and customs. The built-in remote diagnostics allows you to simultaneously control several displays via internet, while the frontal door opening ensures easy maintenance of the device. The use of a 4K screen, with 700 nit LED backlight make your communications bright even in outdoor environments and while reducing the cost of the display power consumption through automatic brightness sensors.



ENVIRONMENT

SemiOutdoor

Up to IP65 water/dust proof

IK10 vandal proof

Temperature range from -30°C to +40°C

STRUCTURE

Main structure in anti-corrosive aluminium

Antiglare safety 4+3 laminated glass

Safety Lock and invisible screws and hinges

Wide range of accessories for wall and pole mounting

TECHNOLOGY AND USAGE

24/7 usage

Advanced diagnostic system

Robust and reliable

Frontal door for easy maintenance

Maintenance free (IP65 vers.)

AVAILABLE SIZES

portrait

43" 55" 65"

landscape

37"S 43" 46" 55"



	WMO.P43	WMO.L43	WMO.L46	WMO.P55	WMO.L55	WMO.P65	WMO.L37s
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General

							Stretch Format
Screen orientation	Portrait	Landscape	Landscape	Portrait	Landscape	Portrait	Landscape
Screen size (inch)	43"		46"	55"		65"	37s"
Screen active area (cm)	52,9 x 94,1		57,2 x 101,9	68,1 x 121		80,3 x 142,8	90,4 x 25,4
Display brightness (nit)	700		700	700		700	700
Screen resolution (pixel)	UHD - 3840x2160		Full HD - 1920x1080	UHD - 3840x2160		UHD - 3840x2160	1920 x 540
Contrast ratio (typ)	1100:1 (typ)		4000:1 (typ)	1100:1 (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	not suggested		not suggested	not suggested		not suggested	not suggested
Operating temperature	-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)		-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)	-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)		-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)	-30°C / +45°C (IP55 vers.) -30°C / +40°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 9004)		Black (RAL 9004)	Black (RAL 9004)		Black (RAL 9004)	Black (RAL 9004)
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)	146W		152W	161W		315W	92W

Dimensions

Height (cm)	109,5	69	74,5	137,5	84,5	164,5	44
Width (cm)	69	109,5	119,3	84,5	137,5	101,5	109,5
Depth (cm)	12,5	12,5	12,5	12,5	12,5	12,5	12,5
Weight (Kg)	38	38	41	70	70	90	31
Notes	IP65 version is maintenance free	IP65 version is maintenance free	IP65 version is maintenance free	IP65 version is maintenance free	IP65 version is maintenance free	IP65 version is maintenance free	IP65 version is maintenance free