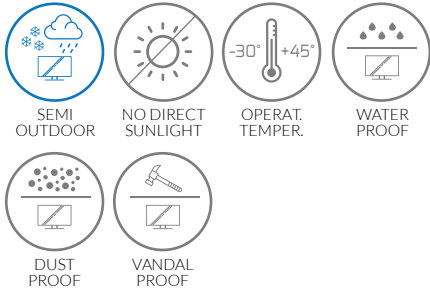




WAVE

WMO

Monitor



The Wave WMO semi-outdoor monitors are very rugged industrial displays completely made of corrosion-free aluminium for DOOH applications in unsupervised places. Protection against dust and strong water jets, the front laminated tempered 4+3 mm safety glass aluminium 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 several displays via internet, while the frontal door opening ensures easy maintenance of the device. The use of Full-HD screens, with LED backlight, with 700 or 1000 nits, make your communications bright even in outdoor environments and while reducing the cost of the display power consumption through automatic brightness sensor.

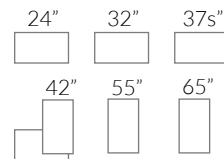


- Major Features**
- ALUMINIUM METAL CASE
  - TEMPERATURE RANGE -30°C / +45°C
  - EASY ACCESS FOR MAINTENANCE
  - 24/7 USAGE
  - ADVANCED DIAGNOSTIC SYSTEM
  - DUST AND WATER PROTECTION
  - VANDAL PROOF FRONTAL GLASS DOOR
  - ROBUST AND RELIABLE

**STRUCTURE AND MATERIALS**

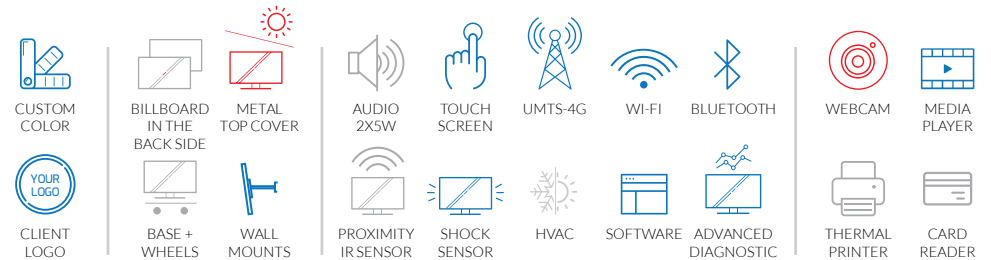
- Main structure in anti-corrosive aluminium
- Antiglare safety 4+3 tempered glass
- Safety Lock and invisible screws and hinges
- Shock absorber for easy maintenance (L37s vers.)
- Vandal proof grade structure (IK08)
- Wide range of accessories for wall and ceiling mounting

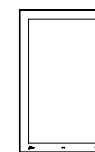
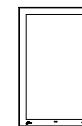
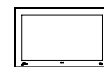
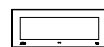
**DISPLAY SIZES**



**OPTIONS**

● Available ● Not Available ● Included ● On project





## TECHNICAL SPECIFICATIONS

General	WMO.L24 (Landscape)	WMO.L32 (Landscape)	WMO.L37s (Landscape)	WMO.P42 (Portrait)	WMO.L42 (Landscape)	WMO.P55 (Portrait)	WMO.P65 (Portrait)
Product code	WMO.L24 (Landscape)	WMO.L32 (Landscape)	WMO.L37s (Landscape)	WMO.P42 (Portrait)	WMO.L42 (Landscape)	WMO.P55 (Portrait)	WMO.P65 (Portrait)
Screen size (inch)	24"	32"	37s"	42"		55"	65"
Screen active area (cm)	52,7 X 29,6	69,8 X 39,2	90,4 X 25,4	52,4 X 93,1		68,1 X 121	80,3 X 142,8
Display brightness (nit)	1500	1000	1000	700		700	700
Backlight technology	LEDedge	LEDedge	LEDedge	LEDedge		LEDedge	LEDedge
Screen resolution (pixel)	Full HD - 1920x1080	Full HD - 1920x1080	1920 x 540	Full HD - 1920x1080		Full HD - 1920x1080	Full HD - 1920x1080
Contrast ratio	1000:1 (typ)	3000:1 (typ)	4000:1 (typ)	4000:1 (typ)		4000:1 (typ)	4000:1 (typ)
Viewing angle (H/V)	178° / 178°	178° / 178°	178° / 178°	178° / 178°		178° / 178°	178° / 178°
Backlight Life cycle	50.000 hours	50.000 hours	70.000 hours	50.000 hours		50.000 hours	50.000 hours
System operation	24/7/365	24/7/365	24/7/365	24/7/365		24/7/365	24/7/365
Screen orientation	Landscape	Landscape	Landscape	Portrait	Landscape	Portrait	Portrait
Screen side	Single	Single	Single	Single		Single	Single
Interactive touch	n.a.	Projected capacitive (optional)	n.a.	Projected capacitive (optional)		Projected capacitive (optional)	Projected capacitive (optional)
Environment protection	Semi-Outdoor IP55 (Nema 3S)	Semi-Outdoor IP55 (Nema 3S)	Semi-Outdoor IP55 (Nema 3S)	Semi-Outdoor IP55 (Nema 3S)		Semi-Outdoor IP55 (Nema 3S)	Semi-Outdoor IP55 (Nema 3S)
Operating temperature	-30°C (*) / +45°C	-30°C (*) / +45°C	-30°C (*) / +45°C	-30°C (*) / +45°C		-30°C (*) / +45°C	-30°C (*) / +45°C
Environment humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%		10% - 90%	10% - 90%
Antivandal protection	IK08	IK08	IK08	IK08		IK08	IK08
Air cooling system	Ventilation	Ventilation	Ventilation	Ventilation		Ventilation	Ventilation
Standard color	As shown below	As shown below	As shown below	As shown below		As shown below	As shown below
Enclosure material	Aluminium	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)	Laminated glass (4mm + 3mm)
Glass reflection	Antiglare	Antiglare	Antiglare	Antiglare		Antiglare	Antiglare
Vac supply	230V AC +/- 10	230V AC +/- 10	230V AC +/- 10	230V AC +/- 10		230V AC +/- 10	230V AC +/- 10
Power consumption (Typ)	45W	140W	92W	146W		161W	266W
Height (cm)	45	55	44	109,5	69	137,5	164,5
Width (cm)	68	85,5	109,5	69	109,5	84,5	101,5
Depth (cm)	12,5	12,5	12,5	12,5	12,5	12,5	12,5
Weight (Kg)	22	30	31	38	38	70	90
Notes	(*) -30°C only w/ heater (normally -10°C)	(*) -30°C only w/ heater (normally -10°C)	(*) -30°C only w/ heater (normally -10°C)	(*) -30°C only w/ heater (normally -10°C)		(*) -30°C only w/ heater (normally -10°C)	(*) -30°C only w/ heater (normally -10°C)
Environment							
Enclosure							
Power							
Dimensions							

## STANDARD COLORS AND FINISHING

Enclosure Colors ● Black RAL 9005 ● Light Grey RAL 9006 ● On request

Glass Colors ● Black RAL 9005 ● On request

## TESTS AND CERTIFICATIONS

FS CAP IV 2015  
EMC EN 50293  
EN 55014 - EN 55022  
EN 61000-3  
EN 61000-4

Environmental Test: IEC 60068-2-1; IEC 60068-2-14  
Safety: IEC60950-1  
Random Vibration Test: IEC 60068-2-64  
IP Code IEC 60529 - IK Rating IEC 62262  
LVD 2014/35/EU - EMC 2014/30/EU - ROHS 2011/65/UE



## NOTE

Frontal Door with hinges on the Right.  
(Left hinges upon request).  
Frontal Door with hinges on the Bottom  
(Only for WMO.L37s).

For more information visit [www.fida.it](http://www.fida.it)

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