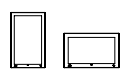


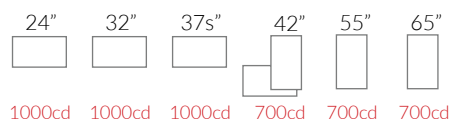


# WAVE



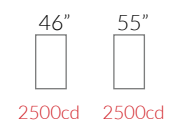
## WMO

Monitor  
Semi-Outdoor



## WMS

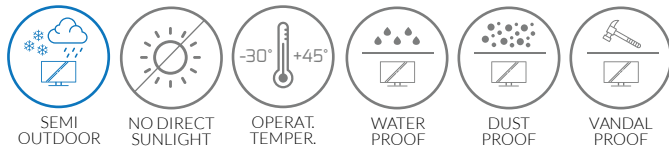
Monitor  
Full-Outdoor





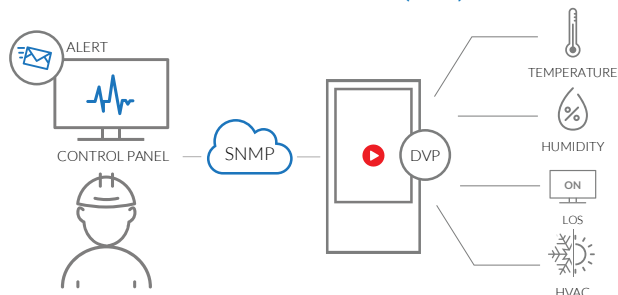
# WAVE WMO

## Monitor



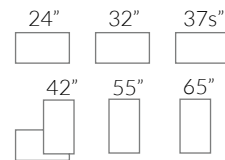
The Wave WMO semi-outdoor monitors are very rugged industrial displays completely made of corrosion free aluminum for DOOH applications in unsupervised places. Protection against dust and strong water jets, the front laminated tempered 4+3 mm safety glass aluminum body, provide optimum protection against 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 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.

### ADVANCED DIAGNOSTIC SYSTEM (DVP)



- 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

### DISPLAY SIZES



### STRUCTURE AND MATERIALS

- Main structure in anti-corrosive aluminum
- 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

### COLOR AND FINISHING



Various varnish colors available  
Client logo customization

### OPTIONS

● Available ● Not Available ● Included

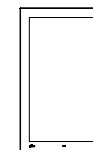
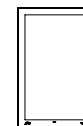
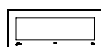
AUDIO 2X5W	TOUCH SCREEN	WEBCAM	PROXIMITY IR SENSOR	SHOCK SENSOR	UMTS-4G	WI-FI	HVAC	BLUETOOTH	CARD READER
CUSTOM COLOR	CLIENT LOGO	MEDIA PLAYER	SOFTWARE	ADVANCED DIAGNOSTIC	METAL TOP COVER	BASE + WHEELS	BILLBOARD IN THE BACK SIDE	WALL MOUNTS	THERMAL PRINTER

### TESTS AND CERTIFICATIONS

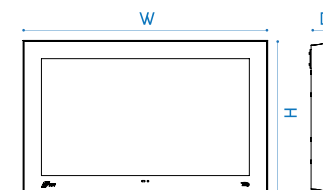
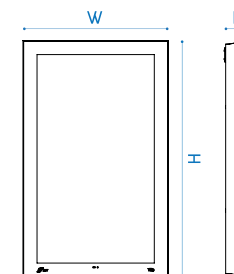


FS CAP IV 2015  
EMC EN 50293 - EN 55014 - EN 55022 - EN 61000-3 - EN 61000-4  
Environmental Test: IEC 60068-2-1; IEC 60068-2-14  
Safety: IEC60950-1  
Random Vibration Test: IEC 60068-2-64  
IP Code IEC 60529  
IK Rating IEC 62262  
LVD 2014/35/EU - EMC 2014/30/EU - ROHS 2011/65/UE

## TECHNICAL SPECIFICATIONS

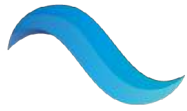


General	WMO.L24 (Landscape)	WMO.L32 (Landscape)	WMO.L37s (Landscape)	WMO.P42 (Portrait)	WMO.L42 (Landscape)	WMO.P55 (Portrait)	WMO.P65 (Portrait)	
Product code	WMO.L24 (Landscape)	WMO.L32 (Landscape)	WMO.L37s (Landscape)	WMO.P42 (Portrait)	WMO.L42 (Landscape)	WMO.P55 (Portrait)	WMO.P65 (Portrait)	
Screen 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 (nits)	1000	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	3000:1 (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	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	
Enclosure	Air cooling system	Ventilation	Ventilation	Ventilation		Ventilation	Ventilation	
Standard color	Black (RAL9005) Gray (RAL9006)	Black (RAL9005) Gray (RAL9006)	Black (RAL9005) Gray (RAL9006)	Black (RAL9005) Gray (RAL9006)		Black (RAL9005) Gray (RAL9006)	Black (RAL9005) Gray (RAL9006)	
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	Anti-reflection	Anti-reflection	Anti-reflection	Anti-reflection		Anti-reflection	Anti-reflection	
Power	Vac supply	230V AC +/- 10	230V AC +/- 10	230V AC +/- 10		230V AC +/- 10	230V AC +/- 10	
Power consumption (Typ)	75W	140W	92W	146W		161W	266W	
Dimensions	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)	



Frontal Door with hinges on the Right (Left hinges upon request).

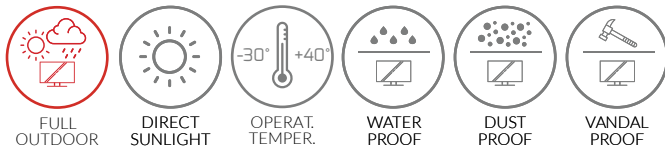
Only for WMO.L37s:  
Frontal Door with hinges on the Bottom.



# WAVE

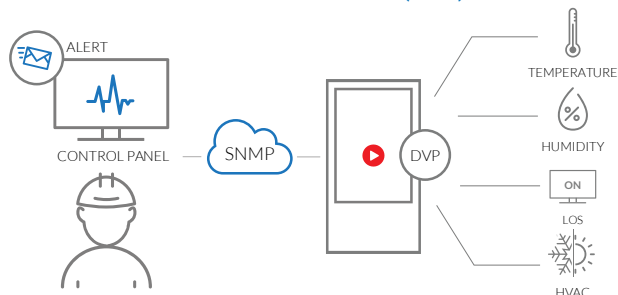
# WMS

Monitor



Wave WMS is a powerful monitor for use outdoors, with direct sunlight. With an 2500 nits LED backlight Full-HD LCD display, WMS maintains excellent brightness and sharpness of images 24/7 regardless of weather conditions. The internal temperature is controlled independently via a vortex ventilation system, without the use of the typical HVAC conditioner, respecting the environment. The structure is made of anti-corrosive aluminum, while the front door is made of laminated tempered 4+4 mm shatterproof glass. The Wave monitors are suitable for stands, exterior facades of museums, theaters and cinemas, or on bus shelters or pipe mounts. Thanks to FIDA's advanced diagnostic system, with SNMP protocol it is possible to monitor data from the electronic cards, media players and sensors all remotely via a simple and intuitive web interface viewable from a PC, tablet or smartphone.

## ADVANCED DIAGNOSTIC SYSTEM (DVP)



- SUNLIGHT READABLE
- HIGH BRIGHTNESS 2.500 NITS
- ALUMINIUM METAL CASE
- 24/7 USAGE
- TEMPERATURE RANGE FROM -30°C TO +40°C
- ADVANCED DIAGNOSTIC SYSTEM
- VANDAL PROOF FRONTAL GLASS DOOR
- EASY ACCESS FOR MAINTENANCE

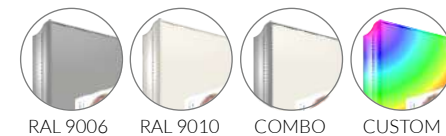
### DISPLAY SIZES



### STRUCTURE AND MATERIALS

- Main structure in anti-corrosive aluminum
- Frontal ant glare safety 4+4 tempered glass
- Safety Lock and invisible screws and hinges
- Frontal door for easy maintenance
- Vandal proof grade structure (IK08)
- Wide range of accessories for wall and pole mounting

### COLOR AND FINISHING



Various varnish colors available  
Client logo customization

### OPTIONS

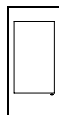
● Available ● Not Available ● Included

AUDIO 2X5W	TOUCH SCREEN	WEBCAM	PROXIMITY IR SENSOR	SHOCK SENSOR	UMTS-4G	WI-FI	HVAC	BLUETOOTH	CARD READER
CUSTOM COLOR	CLIENT LOGO	MEDIA PLAYER	SOFTWARE	ADVANCED DIAGNOSTIC	METAL TOP COVER	BASE + WHEELS	BILLBOARD IN THE BACK SIDE	WALL MOUNTS	THERMAL PRINTER

### TESTS AND CERTIFICATIONS

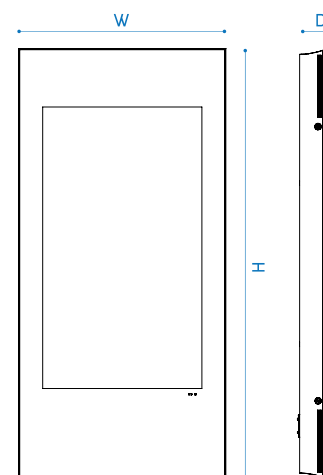
**CE** **RoHS** **IP55 Sunlight**

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



## TECHNICAL SPECIFICATIONS

General	WMS.P46HB (Portrait)	WMS.P55HB (Portrait)
Product code	WMS.P46HB (Portrait)	WMS.P55HB (Portrait)
Screen size (inch)	46"	55"
Screen active area (cm)	57,2 X 101,9	68,1 X 121
Display brightness (nits)	2500	2500
Backlight technology	LED	LED
Screen resolution (pixel)	Full HD - 1920x1080	Full HD - 1920x1080
Contrast ratio	4000:1 (typ)	4000:1 (typ)
Viewing angle (H/V)	178° / 178°	178° / 178°
Backlight Life cycle	50.000 hours	50.000 hours
System operation	24/7/365	24/7/365
Screen orientation	Portrait	Portrait
Screen side	Single	Single
Interactive touch	Projected capacitive (optional)	Projected capacitive (optional)
Environment rating	Ful-Outdoor IP55 (Nema 3S)	Full-Outdoor IP55 (Nema 3S)
Operating temperature	-30°C (*) / +40°C	-30°C (*) / +40°C
Environment humidity	10% - 90%	10% - 90%
Antivandal protection	IK08	IK08
Air cooling system	Vortex Ventilation	Vortex Ventilation
Standard color	Gray (RAL9006) - White (RAL9010)	Gray (RAL9006) - White (RAL9010)
Enclosure material	Aluminium	Aluminium
Glass	Laminated glass (4mm + 4mm)	Laminated glass (4mm + 4mm)
Glass reflection	Anti-reflection	Anti-reflection
Vac supply	230V AC +/- 10	230V AC +/- 10
Power consumption (Typ)	370W	420W
Height (cm)	160	177
Width (cm)	77	87
Depth (cm)	12,5	12,5
Weight (Kg)	80	91
Notes	(*) -30°C only w/ heater (normally -10°C)	(*) -30°C only w/ heater (normally -10°C)



Frontal Door with  
hinges on the Right  
(Left hinges upon  
request).





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