



MOTUS

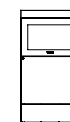


**MMO**

Monitor  
Semi-Outdoor



700cd 700cd  
1500cd 2500cd



**MKO**

Digital Totem  
Semi-Outdoor

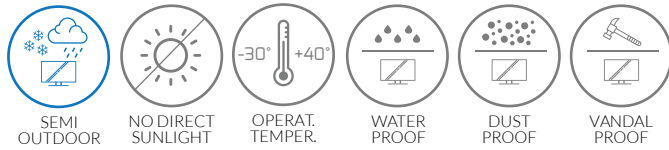


700cd 700cd  
1500cd 2500cd



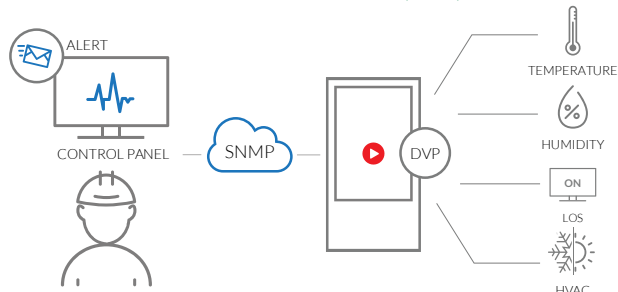
# MOTUS MMO

Monitor



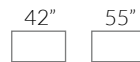
The Motus MMO monitors are rugged industrial displays equipped with a special ventilation system capable of operating in outdoor areas even in the presence of iron powders. Particularly suitable for applications in transport, such as subways, railway stations and airports, but also in industrial facilities, harbors, shipyards and naval fleets, where information must be guaranteed even in the most adverse conditions, preferably without direct sunlight on display. The enclosure is made entirely of anti-corrosive aluminum, with all frontal glass finish which is vandal-resistant and anti-reflective. This makes it immune to electromagnetic interference and especially resistant to corrosion. It has a frontal compass opening and uses hydraulic shock absorber to facilitate the operations of ordinary maintenance. The Motus MMO are available with a wide range of accessories and options for the wall or ceiling, also there is dual-monitor setup in a "V" shape.

## ADVANCED DIAGNOSTIC SYSTEM (DVP)



- ENCLOSURE VERSION AVAILABLE
- ALUMINIUM METAL CASE
- TEMPERATURE RANGE FROM -30°C TO +40°C
- SUITABLE UP TO 2.500 NITS DISPLAY
- EASY ACCESS FOR MAINTENANCE
- ADVANCED DIAGNOSTIC SYSTEM AVAILABLE
- DUST AND WATER PROTECTION
- VANDAL PROOF FRONTAL GLASS

### DISPLAY SIZES



### STRUCTURE AND MATERIALS

- Available up to 2.500 nits display
- Main structure in anti-corrosive aluminum
- Antiglare safety 3+3 tempered glass
- Safety Lock and invisible screws and hinges
- Shock absorber for easy maintenance
- Vandal proof grade structure (IK08)

### COLOR AND FINISHING



Various varnish colors available  
Client logo customization

### OPTIONS

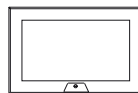
● Available ● Not Available ● Included

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



LVD 2014/35/UE  
EMC 2014/30/UE  
ROHS 2011/65/UE  
IP Code IEC 60529  
IK Rating IEC 62262  
Safety of Information Technology Equipment:  
IEC 60950-1  
Safety Requirements of Audio, Video and Similar  
Electronic Apparatus: IEC 60065



## TECHNICAL SPECIFICATIONS

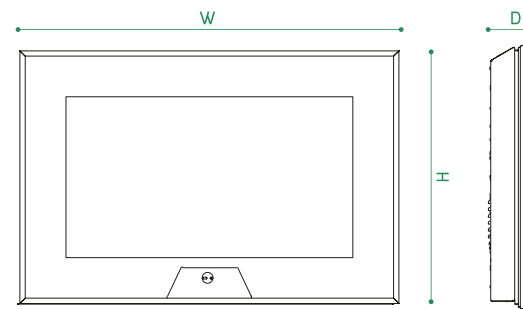
General

Product code	MMO.L42 (Landscape)	MMO.L42HB (Landscape)	MMO.L55 (Landscape)	MMO.L55HB (Landscape)
Screen size (inch)	42"		55"	
Screen active area (cm)	93,1 X 52,4		121 X 68,1	
Display brightness (nits)	700	1500	700	2500
Backlight technology	LEDedge		LEDedge	
Screen resolution (pixel)	Full HD - 1920x1080		Full HD - 1920x1080	
Contrast ratio	4000:1 (typ)	5000:1 (typ)	4000:1 (typ)	5000:1 (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	Landscape		Landscape	
Screen side	Single		Single	
Interactive touch	Projected capacitive (optional)		Projected capacitive (optional)	
Environment rating	Semi-Outdoor IP55 (Nema 3S)		Semi-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	Ventilation		Ventilation	
Standard color	Gray (RAL9006)		Gray (RAL9006)	
Enclosure material	Aluminium		Aluminium	
Glass	Laminated glass (3mm + 3mm)		Laminated glass (3mm + 3mm)	
Glass reflection	Anti-reflection		Anti-reflection	
Vac supply	230V AC +/- 10		230V AC +/- 10	
Power consumption (Typ)	140W	300w	170W	380W
Height (cm)	82		98	
Width (cm)	122		150	
Depth (cm)	16		18,5	
Weight (Kg)	70		100	
Notes	(*) -30°C only w/ heater (normally -10°C)		(*) -30°C only w/ heater (normally -10°C)	

Environment

Enclosure

Dimensions Power



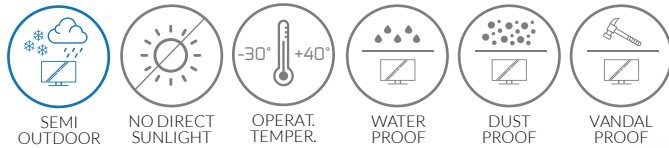
Frontal Door with hinges on the Bottom.





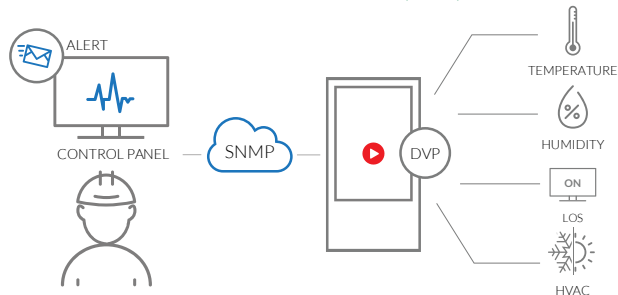
# MOTUS MKO

## Digital Totem

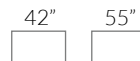


The Motus MKO are ideal for installations in airports, railway stations and subways, where there is the presence of direct sunlight on the display and an ambient temperature not exceeding 40 °C. They are available in sizes 42 "and 55" in single sided version and screen orientation in landscape mode. The structure is made entirely of stainless steel with frontal laminated safety glass 3+3 mm. The SKO totems use TFT LCD panels with LED backlight and a brightness of 700 nits and 2500 nits, with a high degree of visibility, even in places with high artificial illumination. It can optionally be equipped with a touch screen up to 40 touches to make it an effective instrument for traveler information, for example to search for a particular place of interest, or as an information point or host system with virtual operator. MKO is designed to be able to be anchored to the floor or to be placed against a wall. The simple attachment system also allows you to obtain a perfect adherence to the wall, avoiding unsightly wiring in view.

### ADVANCED DIAGNOSTIC SYSTEM (DVP)



### DISPLAY SIZES



### STRUCTURE AND MATERIALS

- Available up to 2.500 nits display
- Main structure in aluminum
- Antiglare safety 3+3 tempered glass
- Safety Lock and invisible screws and hinges
- Shock absorber for easy maintenance
- Vandal proof grade structure (IK08)

### 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



LVD 2014/35/UE  
EMC 2014/30/UE  
ROHS 2011/65/UE  
IP Code IEC 60529  
IK Rating IEC 62262  
Safety of Information Technology Equipment:  
IEC 60950-1  
Safety Requirements of Audio, Video and Similar  
Electronic Apparatus: IEC 60065



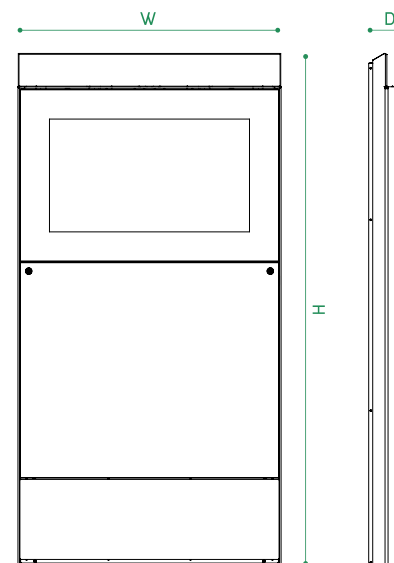
- ALUMINIUM METAL CASE
- TEMPERATURE RANGE FROM -30°C TO +40°C
- SUITABLE UP TO 2.500 NITS DISPLAY
- EASY ACCESS FOR MAINTENANCE
- ADVANCED DIAGNOSTIC SYSTEM AVAILABLE
- DUST AND WATER PROTECTION
- VANDAL PROOF FRONTAL GLASS
- SMALL FOOTPRINT





## TECHNICAL SPECIFICATIONS

General	Product code	MKO.L42 (Landscape)	MKO.L42HB (Landscape)	MKO.L55 (Landscape)	MKO.L55HB (Landscape)
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Contrast ratio	4000:1 (typ)	5000:1 (typ)	4000:1 (typ)	5000:1 (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	Landscape		Landscape		
Screen side	Single		Single		
Interactive touch	Projected capacitive (optional)		Projected capacitive (optional)		
Environment rating	Semi-Outdoor IP55 (Nema 3S)		Semi-Outdoor IP55 (Nema 3S)		
Operating temperature	-30°C (*) / +40°C		-30°C (*) / +40°C		
Environment humidity	20% - 90%		20% - 90%		
Antivandal protection	IK08		IK08		
Air cooling system	Ventilation		Ventilation		
Standard color	Gray (RAL9006)		Gray (RAL9006)		
Enclosure material	Aluminium		Aluminium		
Glass	Laminated glass (3mm + 3mm)		Laminated glass (3mm + 3mm)		
Glass reflection	Anti-reflection		Anti-reflection		
Vac supply	230V AC +/- 10		230V AC +/- 10		
Power consumption (Typ)	140W	300W	170W	380W	
Height (cm)	212		237		
Width (cm)	120		150		
Depth (cm)	22		22		
Weight (Kg)	250		300		
Notes	(*) -30°C only w/ heater (normally -10°C)		(*) -30°C only w/ heater (normally -10°C)		
Enclosure Environment					
Dimensions Power					



Frontal Door with hinges on the Bottom.





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