

# EKS

Exentia  
digital totem



Exentia EKS is a digital totem created to meet all requirements for full-out-door usage in extreme weather conditions and with the highest vandal protection. The 2500 nit high brightness LCD panel assures visibility even under direct sunlight and the latest and sophisticated technology guarantees maximum performance capabilities even in conditions of high temperatures up to +50° C (HBC version). Available in the IP55 version without air conditioner (HB version) or in IP65 with air conditioner (HBC version). The Exentia EKS is available in 46" and 55", single or double-sided versions. The vandal proof all frontal 4+3 glass and a sophisticated diagnostic system make it particularly suitable for installation in urban spaces, historical tourist areas, by the sea-side, mountains or anywhere where information and content must always be ensured.

## ENVIRONMENT

### Outdoor

IP55/65 water/dust proof

IK10 vandal proof

Temperature range from -30°C to +50°C

## STRUCTURE

High quality finishes

Main structure in anti-corrosive aluminium

Antiglare safety 4+3 tempered glass

Safety Lock and invisible screws and hinges

## TECHNOLOGY AND USAGE

HVAC (HBC version)

Sunlight readable

High brightness 2500 nit

24/7 usage

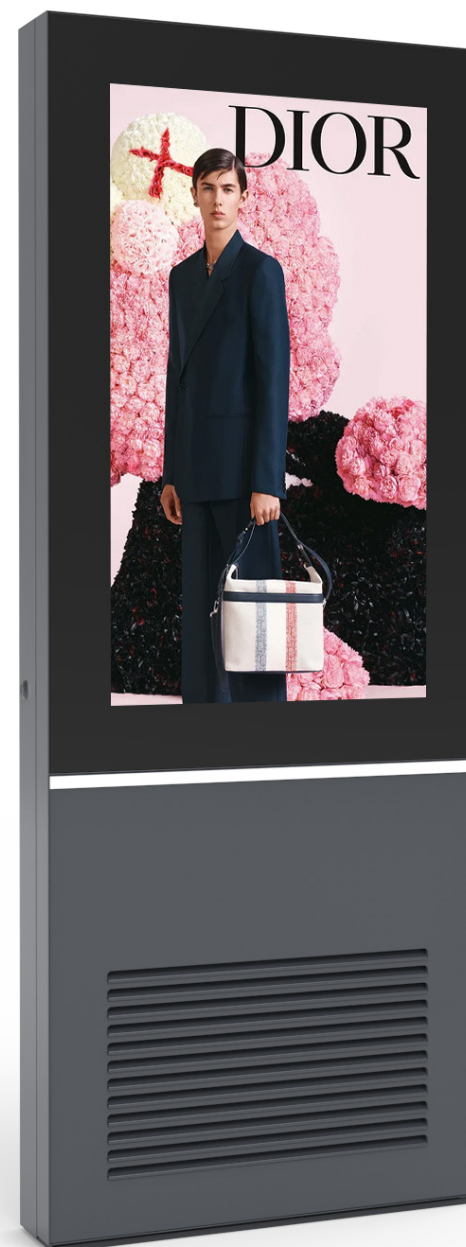
Advanced diagnostic system

## AVAILABLE SIZES

portrait

46"

55"



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# Technical Specification



	EKS.P46HB	EKS.P46HBC	EKS.P55HB	EKS.P55HBC
<b>General</b>				
Screen orientation	Portrait		Portrait	
Screen size (inch)	46"		55"	
Screen active area (cm)	57 x 102		68 x 121	
Display brightness (nit)	2.500		2.500/4.000	
Screen resolution (pixel)	Full HD - 1920x1080		Full HD - 1920x1080	
Contrast ratio (typ)	4000:1		4000:1	
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 side	Single	Single and Double	Single	Single and Double

## Environment

Environment protection	Outdoor IP55 (Nema 3S)	Outdoor IP65 (Nema 4X)	Outdoor IP55 (Nema 3S)	Outdoor IP65 (Nema 4X)
Sun exposure	allowed(*)	allowed	allowed(*)	allowed
Operating temperature	-30°C / +40°C (with sunligh) (*) -30°C / +50°C (without sunligh) (*)	-30°C / +50°C	-30°C / +40°C (with sunligh) (*) -30°C / +50°C (without sunligh) (*)	-30°C / +50°C
Environment humidity	10% - 90%		10% - 90%	
Antivandal protection	IK10		IK10	

## Enclosure

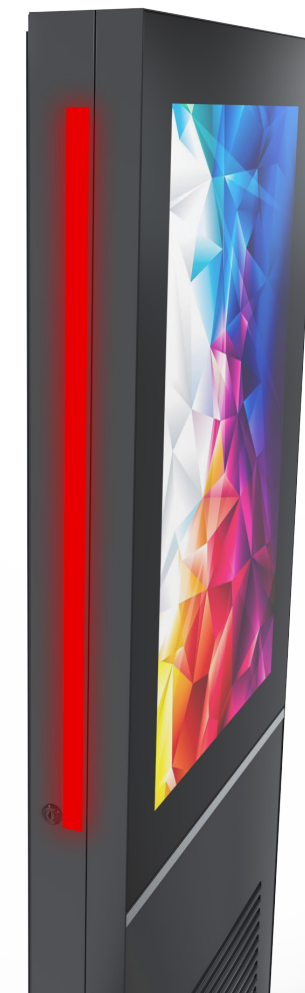
Air cooling system	Vortex ventilation	Redundant HVAC	Vortex ventilation	Redundant HVAC
Enclosure material	Aluminium		Aluminium	
Glass	Antivandal glass (4mm + 3mm)		Antivandal glass (4mm + 3mm)	
Glass reflection	Anti-glare		Anti-glare	
Standard enclosure color	Black (RAL 9004)		Black (RAL 9004)	
Standard glass color	Black (RAL 9004)		Black (RAL 9004)	

## Power

Vac supply	230V AC +/- 10		230V AC +/- 10	
Power consumption (typ)	360 W(**) (single side) 530 W (double side)	850 W (single side) 1.650 W (double side)	590 W (single side) 890 W (double side)	1.100 W (single side) 1.700 W (double side)

## Dimensions

Height (cm)	205		224	
Width (cm)	81		92	
Depth (cm) [Double Sided]	17	17 - [35]	17	17 - [35]
Weight (Kg) [Double Sided]	125 - [230]	145 - [270]	145 - [330]	165 - [370]
Notes	(*) under 500 osl (otherwise extra UV film is required) (**) +150 W for heater			



Dynamic RGB LED side strips (optional)