



The EFS outdoor digital totem is the perfect solution for outdoor advertising applications (DOOH) and Smart City projects. The Exentia EFS is available in both single and double-sided versions and guarantees an unparalleled visibility in all weather conditions. The High-brightness SMD-LED display ensures deep contrasts and vivid colors even under direct sunlight with the highest reliability and lifetime. The 24/7 use of the display is guaranteed by the robust anti-vandal structure in aluminum, with a 4+3 mm anti-reflection vandal proof frontal glass, and industrial electronics components. The innovative Air shield cooling technology based on membrane filters offer the highest level of protection from salt, dust, water, and other contaminants that can affect electronic devices' performance and reduce the operating life of the display. The low power consumption and long-lasting filters (up to 10 years) minimizes the maintenance operations permitting the lowest Total Cost of Ownership. A version equipped with an air conditioner is also available, assuring the functionality in environments with tempertures up to 50°.

## ENVIRONMENT

(E RoHS2

Outdoor IP65 water/dust proof IK10 vandal proof Temperature range from -30°C to +50°C

### STRUCTURE

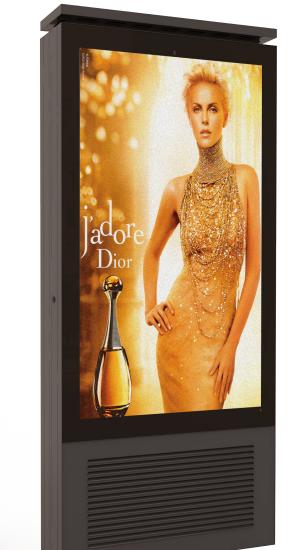
Easy access for maintenance Main structure in aluminium Antiglare safety 4+3 tempered glass Safety Lock and invisible screws and hinges

#### **TECHNOLOGY AND USAGE**

High brightness 5000 nits Sunlight readable Conformal coating protection Low power consumption cooling Up to 100.000 operating hour Air shield cooler

#### AVAILABLE SIZES portrait

81"



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# **Technical Specification**



	EFS.P81D19	EFS.P81D19C	EFS.P81D25	EFS.P81D25C
	EF3.P61D17	EF3.P01D17C	EF3.P61D25	EF3.P01D23C
General				
Screen orientation	Portrait	Portrait	Portrait	Portrait
Screen size (inch)	81" LED (SMD)	81" LED (SMD)	81" LED (SMD)	81" LED (SMD)
Screen active area (cm)	101 × 180	101 × 180	101 x 180	101 x 180
Display brightness (nit)	up to 5.000	up to 5.000	up to 5.000	up to 5.000
Screen resolution (pixel)	540x 960 (pp <b>1.875</b> mm)	540x 960 (pp <b>1.875</b> mm)	405 x 720 (pp <b>2.5</b> mm)	405 x 720 (pp <b>2.5</b> mm)
Contrast ratio (typ)	≥ 3000	≥ 3000	≥ 3000	≥ 3000
Viewing angle (H/V)	140°/140°	140°/140°	140°/140°	140°/140°
Backlight Life Cycle	100.000 hours	100.000 hours	100.000 hours	100.000 hours
System operation	24/7/365	24/7/365	24/7/365	24/7/365
Screen side	Single and Double	Single and Double	Single and Double	Single and Double
Environment				
Environment protection	Outdoor IP65 (Nema 4X)	Outdoor IP65 (Nema 4X)	Outdoor IP65 (Nema 4X)	Outdoor IP65 (Nema 4X)
Sun exposure	allowed	allowed	allowed	allowed
Operating temperature	-30°C / +40°C (with sunligth) (*) -30°C / +50°C (without sunligth) (*)	-30°C/+50°C	-30°C / +40°C (with sunligth) (*) -30°C / +50°C (without sunligth) (*)	-30°C/+50°C
Environment humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Antivandal protection	IK10	IK10	IK10	IK10
Enclosure				
Air cooling system	AirShield Cooler	Redundant HVAC	AirShield Cooler	Redundant HVAC
Enclosure material	Aluminium	Aluminium	Aluminium	Aluminium
Glass	Antivandal glass (4mm + 3mm)	Antivandal glass (4mm + 3mm)	Antivandal glass (4mm + 3mm)	Antivandal glass (4mm + 3mm
Glass reflection	Anti-glare	Anti-glare	Anti-glare	Anti-glare
Standard enclosure color	Dark Gray Sable 2900	Dark Gray Sable 2900	Dark Gray Sable 2900	Dark Gray Sable 2900
Standard glass color	Black (RAL 9005)	Black (RAL 9005)	Black (RAL 9005)	Black (RAL 9005)
Power				
Vac supply	30V AC +/- 10	30V AC +/- 10	230V AC +/- 10	230V AC +/- 10
Power consumption (typ)	1.000 W (single side) 1.800 W (double side)	1.600 W (single side) 3.200 W (double side)	1.000 W (single side) 1.800 W (double side)	1.600 W (single side) 3.200 W (double side)
Dimensions				
Height (cm)	279	293	279	293
Width (cm)	121	121	121	121
Depth (cm)	35	35	35	35
Weight (Kg) [Double Sided]	300 - [350]	360 - [470]	300 - [350]	360 - [470]
Notes	(*) under 500 osl (otherwise extra UV	(film is required)		



Dynamic RGB LED side strips (optional)

