

EFS

Exentia
digital mupi



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 temperatures up to 50°.

ENVIRONMENT

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"



For more information visit www.fida.it

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Technical Specification



	EFS.P81D19	EFS.P81D19C	EFS.P81D25	EFS.P81D25C
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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 x 180	101 x 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 1.875 mm)	540x 960 (pp 1.875 mm)	405 x 720 (pp 2.5 mm)	405 x 720 (pp 2.5 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)