

WKO

Wave
digital totem

The Wave WKO is a multimedia totem for 24/7 operation especially suitable for installation in shopping malls, airports, railway stations or tourist sites or other environments where protection is required against external agents like dust, rain or vandal actions. Thanks to a light sensor that adjusts the display's brightness according to the environment's light intensity assuring the maximum energy saving and the screen's long life span. The aluminum structure reduces the units weight and avoids corrosion. WKO is available both in double or single-sided versions, with or without touch-screen and is equipped with FIDA's proprietary DVP diagnostic board for remote monitoring via SNMP protocol.

ENVIRONMENT

Outdoor
Up to IP65 water/dust proof
IK10 vandal proof
Temperature range from -30°C to +45°C

STRUCTURE

Main structure in anti-corrosive aluminium
Antiglare safety 4+3 tempered glass
Safety Lock and invisible screws and hinges
Dual Sided version available

TECHNOLOGY AND USAGE

24/7 usage
Advanced diagnostic system
Robust and reliable
Frontal door for easy maintenance
Maintenance free (IP65 vers.)

AVAILABLE SIZES

portrait
55" 65" 75" 100"



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	WKO.P55	WKO.P65	WKO.P75	WKO.P100
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General

Screen orientation	Portrait	Portrait	Portrait	Portrait
Screen size (inch)	55"	65"	75"	100"
Screen active area (cm)	68,1 x 121	80,3 x 142,8	92,8 x 164,9	125 x 221
Display brightness (nit)	700	700	700	700
Screen resolution (pixel)	UHD - 3840x2160	UHD - 3840x2160	UHD - 3840x2160	UHD - 3840x2160
Contrast ratio (typ)	1100:1 (typ)	4000:1 (typ)	4000:1 (typ)	3000
Viewing angle (H/V)	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Backlight Life Cycle	50.000 hours	50.000 hours	50.000 hours	50.000 hours
System operation	24/7/365	24/7/365	24/7/365	24/7/365
Screen side	Single and Double	Single and Double	Single and Double	Single and Double

Environment

Environment protection	Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)	Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)	Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)	Outdoor IP55 (Nema 3S) Outdoor IP65 (Nema 3S)
Sun exposure	not suggested	not suggested	not suggested	not suggested
Operating temperature	-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)	-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)	-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)	-30°C / +45°C (IP55 vers.) -30°C / +40°C (IP65 vers.)
Environment humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Antivandal protection	IK10	IK10	IK10	IK10

Enclosure

Air cooling system	ventilation	ventilation	ventilation	ventilation
Enclosure material	Aluminium	Aluminium	Aluminium	Aluminium
Glass	Laminated glass (4mm + 3mm)	Laminated glass (4mm + 3mm)	Laminated glass (4mm + 3mm)	Laminated glass (4mm + 3mm)
Glass reflection	Antiglare	Antiglare	Antiglare	Antiglare
Standard enclosure color	Black (RAL 9004)	Black (RAL 9004)	Black (RAL 9004)	Black (RAL 9004)
Standard glass color	Black (RAL 9005)	Black (RAL 9005)	Black (RAL 9005)	Black (RAL 9005)

Power

Vac supply	230V AC +/- 10	230V AC +/- 10	230V AC +/- 10	230V AC +/- 10
Power consumption (typ)	175W (single side) 350W (double side)	315W (single side) 630W (double side)	450 W (single side) 900 W (double side)	650 W (single side) 1.300 W (double side)

Dimensions

Height (cm)	210	212	212	250
Width (cm)	84,5	101,5	114,5	147,6
Depth (cm) [Double Sided]	12,5 - [25]	12,5 - [25]	12,5 - [25]	25 - [25]
Weight (Kg) [Double Sided]	110 - [220]	130 - [260]	150 - [300]	210 - [420]
Notes	IP65 version is maintenance free	IP65 version is maintenance free	IP65 version is maintenance free	IP65 version is maintenance free

main

OPTIONS

- PCAP Touch Screen
- Backlit Billboard

- Audio System
- Cellular Router

- Camera Module
- Mini PC

- Client Logo

