INFINITUS

imotion FLOW 32P FS 2.0
TECHNICAL SPECIFICATION

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	Factor	Specification	Remark
System	Screen size	32”	
	Temperature operation	-25ºC to +40ºC/-13ºF to 104ºF	Ambient temperature
	Operating humidity	10% - 90%	
	Intended area of installation	Full-outdoor	Direct sun exposed locations
	Intended operation	24/7/365	
	Intended LCD operation	20/7/365	imotion FLOW warranted LCD operation time
	Dimensions	555mm x 1985mm x 180mm	Width x Height x Depth
	Weight	100kg	Weight can vary to a certain extent
	Bezel	73mm / 73mm	Top and side thickness
	Display to glass distance	15mm	Distance from LCD panel to protective glass
	Orientation	Portrait	
	Sides	Single	
	Power consumption max/typical	0.4kW/0.11kW	
	Power rating	220-240 V; 50/60 Hz; 10A	
	Warranty	2 year warranty	Warranty can be extended up to 3 years
	Technical certification	CE/IP56 certified	

ESSENTIAL SYSTEM MODULES

	Element	Full HD professional LCD		Remark
LCD panel	Options	AUO P320HVN03.0	LG ND320EUN_SACX1	
	LCD panel technology	TFT active matrix	TFT active matrix	
	Backlight type	LED	LED	Programmable ambient light adaptation
	Typical Brightness	1000 nit	2000 nit	Operation in NIT at 25ºC inner enclosure temperature
	Typical static contrast ratio	3000 : 1	1300 : 1	
	Aspect ratio	16 : 9 landscape		
	Resolution	1920 x 1080 px		
	Viewing angle	178º horizontal /178º vertical		
	Display area	698mm x 393mm		
Enclosure system	Element	imotion FLOW 2.0		
	Ingress protection rating	IP56		Hosting LCD display and electrical compartment
	Material	Steel		
	Material handling	2 color coating (ground and cover layer)		RAL 7016
	Inner enclosure temp. fluctuation	5ºC to 50ºC/41ºF to 122ºF		
	Cooling and heating	Heating/ventilating system		
	Glass	4+4 mm tempered glass/ anti-reflective coating (AR)		0,5% reflection
	Enclosure opening registration	Electromechanical switch		Records opening
	Internal connectors	RJ-45		Connects imotion to internet
		USB		Connects to the built in PC
		HDMI/Display Port		Optional connection to an external video source
		AC socket		Mains power access for the maintenance crew
		Terminal block		Connects imotion to mains AC electric power supply
Intelligence	Element	Configurable ECU and controlmotion software		
	Configurable ECU and controlmotion software	Emergency shutdown protection		Automatic shutdown of system in case of emergency
		High/low temperature protection		Integrated components work within specified temp. range
		Hot/cold sequential start-up		Sequential start-up of components in specified temp. range
		Display and sound control		Remote control of display and sound settings
		Control and diagnostic software controlmotion		Free add-on software installed onto imotion PC
		Data Logging		Collecting and saving performance data
		Remote PC restart		Remote restart when PC is working
		Remote PC ON/OFF		Remote on/off/restart when PC is not responding
Monitoring	Remote system health monitoring	Health diagnostic data		Relevant system info data monitoring and collection
		Maintenance on-site call (No regular maintenance!)		Automatic maintenance call functionality
		Email reporting option		Automatic failure notifications (i.e. critical error, daily report)
Computer	Element	Player (Shuttle DS77U)		
	Processor	Intel Celeron 3865U (2x 1.80 GHz)		Option: Intel Core i5-7200U or Intel Core i7-7500U
	Memory	4 GB DDR4 SO-DIMM		Option: up to 32 GB
	Graphics	Integrated Intel HD graphics 620 (Intel HD Gen.9.5)		
	Hard disk	SSD 120GB SATA3 disk drive		Option: up to 500 GB