

 INFINITUS

imotion FLOW 55L WM – TECHNICAL SPECIFICATION

		Factor	Specification				Remark
System	Screen size		55"				
	Temperature operation		-25°C to +40°C/-13°F to 104°F				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				
	Dimensions		1.430mm x 900mm x 258mm				Width x Height x Depth
	Weight		130kg				
	Bezel		100mm				Top and side thickness
	Display to glass distance		16mm				Distance from LCD panel to protective glass
	Orientation		Landscape				
	Sides		Single				
	Power consumption		0,4kW +- 20%				
	Power supply		AC 100-240 V, 50/60 Hz				
Warranty		2 year warranty					
Technical certification		UL/CE/IP56 compliant					
Essential system modules	LCD panel	Element	Full HD professional LCD				
		Options	Default	Alternatives			
		LCD panel technology	TFT	TFT	TFT	TFT	
		Backlight type	LED	LED	LED	Transflective	
		Typical brightness	700 nit	2.500 nit	3.000 nit	Up to 2.000 nit	Operation in NIT at 25°C inner enclosure temperature
		Typical static contrast ratio	1.300 : 1	5.000 : 1	1.300 : 1	1.200 : 1	
		Aspect ratio	16 : 9 landscape				
		Resolution	1.920 x 1.080 px				
		Viewing angle	178° horizontal /178° vertical				
	Display area	1.210mm x 680mm					
	Enclosure system	Element	imotion FLOW				
		Ingress protection rating	IP56/ NEMA 4				Hosting LCD display and electrical compartment
		Material	Steel				
		Material handling	2 color coating (ground and cover layer)				RAL 7016
		Inner enclosure temp. fluctuation	Up to 50°C/122°F				
		Cooling and heating	Heating/ventilating system				
		Glass	6 mm tampered glass/ anti-reflective coating (AR)				0,9% reflection
		Enclosure opening registration	Magnetic switch				Records opening
		Internal connectors	RJ-45		Connects imotion to internet		
	BNC		Optional: composite video input				
	4-pin Mini-DIN		Optional: S-video input				
	AC socket		Appropriate for destination region				
	Terminal block		Connects to mains AC electric power supply				
	Intelligence	Element	Configurable ECU and controlmotion FLOW software				
		Configurable ECU and controlmotion FLOW 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 FLOW			Free add-on software installed onto imotion PC				
Control and diagnostic software ADVANCE			Payable add-on server software				
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				
Health monit-oring	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 (Nexcom NDiS B323)					
	Processor	Intel® Celeron® 1037U (2M Cache, 1.80 GHz)					
	Memory	4 GB DDR3 1333 RAM (Options: up to 8 GB)					
	Graphics	Intel HD + Nvidia 705M					
	Hard disk	320 GB SATA disk drive (option: SSD)					

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