

 INFINITUS

imotion FLOW 55P 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	900mm x 1.485mm 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	Portrait					
		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	9 : 16 portrait					
		Resolution	1.080 x 1.920 px					
		Viewing angle	178° horizontal /178° vertical					
	Display area	680mm x 1.210mm						
	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 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 (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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