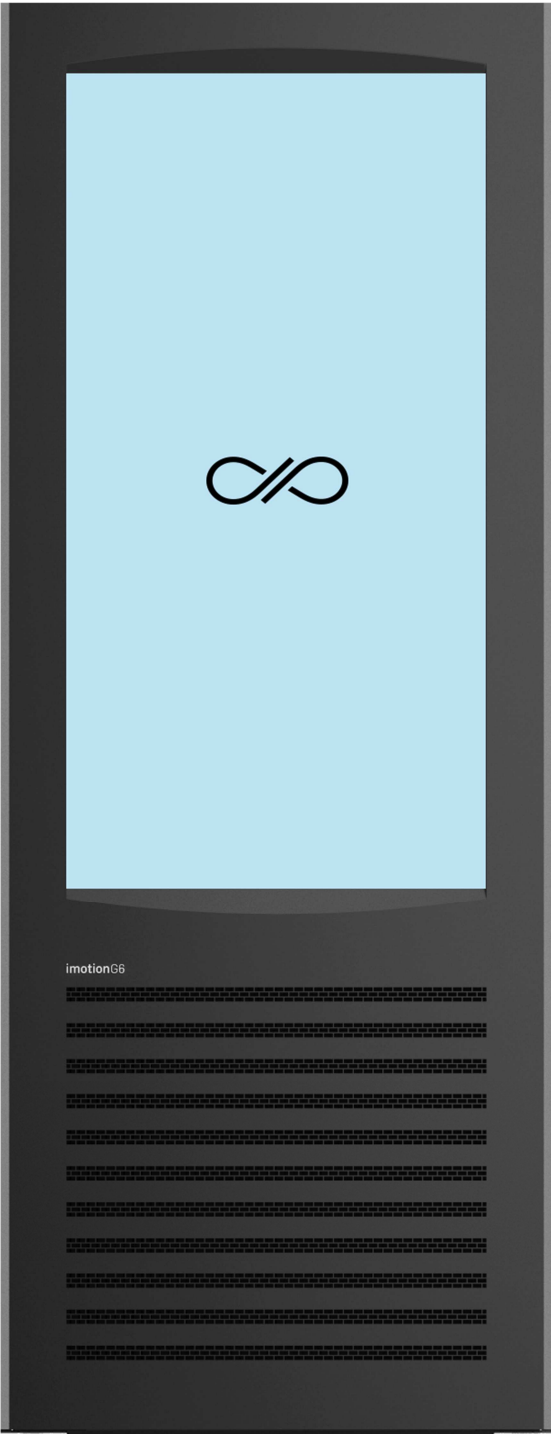


 INFINITUS

imotion G6 55P – TECHNICAL SPECIFICATION

		Factor	Specification	Remark		
<b>System</b>		Screen size	55"			
		Temperature operation	-40°C to +55°C/-40°F to 131°F	Ambient temperature		
		Operating humidity	0% - 100%	Immunity to humidity		
		Intended area of installation	Full-outdoor	Direct sun exposed locations		
		Operation	24/7/365			
		Intended LCD operation	24/7/365	imotion G6 warranted LCD operation time		
		Dimensions	928mm x 2.336mm x 360mm	Width x Height x Depth		
		Weight	200kg			
		Bezel	90mm	Top and side thickness		
		Display to glass distance	12mm	Distance from LCD panel to protective glass		
		Orientation	Portrait			
		Sides	Single			
		Power consumption	0,45kW +- 25%	Depends on deployment area		
		Power supply	AC 100-240 V, 50/60 Hz			
	Warranty	3 year warranty	Warranty can be extended up to 5 years			
	Technical certification	UL/CE/IP65 compliant				
<b>Essential system modules</b>	<b>LCD panel</b>	<b>Element</b>	<b>Full HD professional LCD</b>			
		Options	Default	Alternatives		
		LCD panel technology	TFT	TFT	TFT	TFT
		Backlight type	LED	LED	LED	Transflective
		Brightness	700 nit	2.500 nit	3.000 nit	Up to 2.000 nit
		Contrast	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			
					Operation in NIT at 25°C inner enclosure temperature	
	<b>Enclosure system</b>	<b>Element</b>	<b>imotion 6th generation</b>			
		Ingress protection rating	IP66/ NEMA 4x			Hosting LCD display and electrical compartment
		Material	Steel and aluminum			Steel enclosure and aluminum masks
		Material handling	2 color coating (ground and cover layer)			RAL 9011 F.E. QC
		Inner enclosure temp. fluctuation	Between 20°C and 25°C/68°F to 77°F			Stable room temperature is unique imotionG6 trait!
		Cooling and heating	Bespoke HVAC			imotion HVAC module
		Air circulation loop type	Closed system			Maximum isolation from environment
		Dust and dirt entry protection	No entry points			
		Glass	4+4 mm tempered glass/ anti-reflective coating (AR)			0,5% reflection
		Enclosure opening registration	Magnetic switch			Records opening
		External connectors	2 x USB 2.0			Provides mouse and keyboard connectivity
			RJ-45			Provides access to display internal LAN
			Reset & shutdown buttons			Enables quick on-site reboot and shutdown
		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	
	<b>HVAC</b>	<b>Element</b>	<b>Heating, ventilation and air conditioning unit</b>			
		Compressor	3-phase heavy duty rotary compressor			Ensures reliability and silent operation
		Type of regulation	Frequency controlled, based on pressure and temperature sensors			Ensuring a soft start, stable temperature, lower power consumption, longer lifespan and reduced maintenance
Advanced diagnostics		Pressure and temperature sensors			Error and status reporting as well as maintenance requests	
	Low temperature protection	Compressor heater for extreme conditions			Protects the compressor from extremely low temperatures	
<b>Intelligence</b>	<b>Element</b>	<b>Fully programmable ECU and controlmotion G6 software</b>				
	Fully programmable ECU and controlmotion G6 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 G6			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	
<b>Health monitoring</b>		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)		
	Remote monitoring (when PC off)			Alternative access to system is possible when PC off		
	Data logging and storage (when PC off)	DATA from ECU G6 temporary storage enabled when PC off				
<b>Computer</b>	<b>Element</b>	<b>Player (Nexcom NDIS B533)</b>				
	Processor	Intel® Core™ i5-4570TE (4M Cache, up to 3.30 GHz)				
	Memory	4 GB DDR3 1333 RAM (Options: up to 16 GB)				
	Graphics	Intel HD Graphics 4600				
	Hard disk	320 GB SATA disk drive (option: SSD)				



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