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imotion FLOW 47P – TECHNICAL SPECIFICATION

		Factor	Specification	Remark	
System		Screen size	47"		
		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	806mm x 2.213mm x 260mm	Width x Height x Depth	
		Weight	170kg		
		Bezel	100mm	Top and side thickness	
		Display to glass distance	16mm	Distance from LCD panel to protective glass	
		Orientation	Portrait		
		Sides	Single		
		Power consumption	0,35kW +- 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
		Backlight type	LED	LED	Transflective
		Typical brightness	2.000 nit	3.000 nit	Up to 2.000 nit
		Typical static contrast ratio	1.300 : 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	585mm x 1.040mm		
		Element	imotion FLOW		
	Enclosure system		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 tempered 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	
		Element	Configurable ECU and controlmotion FLOW software		
	Intelligence	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)			
	Element	Player (Nexcom NDiS B323)			
Computer		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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