∞ INFINITUS

imotion URBAN 18P FS

TECHNICAL SPECIFICATION

	Factor	Specification	Remark
System	Screen size	18.5"	
	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	455mm x 2582mm x 140mm	Width x Height x Depth
	Weight	100kg	Weight can vary to a certain extent
	Bezel	81 mm	Top and side thickness
	Display to glass distance	10mm	Distance from LCD panel to protective glass
	Orientation	Portrait	
	Sides	Single	
	Power consumption max/typical	1/0.2kW	
	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	LITEMAX 1858-T	
	LCD panel technology	TFT active matrix	
	Backlight type	LED	Programmable ambient light adaptation
	Typical Brightness	1600 nit	Operation in NIT at 25ºC inner enclosure temperature
	Typical static contrast ratio	1120 : 1	
	Aspect ratio	16: 9	
	Resolution	1920 x 1080 px	
	Viewing angle	178º horizontal /178º vertical	
	Display area	408,9mm x 230mm	

	Element	imotion FLOW 2.0	Remark
Enclosure system	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

	Element	Configurable ECU and controlmotion software	
Intelligence	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)

	Element	Player (Shuttle DS77U)	
Computer	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

ADDITIONAL MODULES

	Element	Specification	Remark
Add-Ons	Ambient light sensor kit	USB Yocto-Light sensor	Kit is including two ambient light sensors.
	AED Compartment	HeartSine Samaritan PAD 500P	
	Wireless Charger	TX Module	Charging support Qi 5-16W
	USB Chargers	5V Output	
	E-scooters chargers	2x Standard AC plug 230 V ~ /8 A (max.)	
	Environmental Sensors	Temperature, Humidity, Air pressure, Dust particles, CO, SO_2, NO_2, O_3, Wind speed	
	SOS Button	Calling module to predetermined number	
	Hand sanitizer	3-5l large tank sanitizer liquid, usage count sensor, optional connection to CMS triggering.	