

iMotion® 46" Landscape Technical Sheet



- ▶ Functional in all-weather conditions between -40°C and +55°C
- ▶ Sun readable high luminance HD ready display
- ▶ Highly reliable and robust
- ▶ Compatible with standard digital signage elements
- ▶ High performance computer

Standard Configuration			
Display	High brightness Public Information Display		
	Diagonal Size	46"	
	Display Type	Super PVA TFT LCD	
	Aspect Ratio	16:9	
	Resolution	1.366 x 768 (HD Ready)	
	Brightness	1.500 cd/m ²	
	Contrast Ratio	3.000:1	
	Viewing angle	178° horizontal / 178° vertical	
Display Area	1.047 mm x 600 mm		
Housing	Steel and Aluminum Vandal-proof Enclosure		
	Size (W x H x D)	1.140 mm x 2.000 mm x 300-250 mm	
	Weight	230 kg	
	Glass	6mm+6mm laminated glass with antireflective coating	
	HVAC Unit	Custom made air-conditioning and heating device	
	Electronic Control Unit	Regulates internal temperature and measures power consumption	
	Magnetic Switch	Records unauthorized enclosure opening	
	External Connectors	Situated in a Locked Compartment	
		2 x USB 2.0	Provide mouse and keyboard connectivity
		RJ-45	Provides access to display's internal LAN
Internal Connectors	AC Socket	Provides utility AC power	
	Situated in HVAC Compartment		
	RJ-45	Provides WAN connectivity	
	BNC	(Optional) composite video input	
Embedded Computer	Industrial Grade PC Tailored for Advanced Digital Signage Applications		
	Processor	Dual core AMD Athlon (2.8 GHz)	
	Memory	2 x 1 GB DDR2 800 MHz	
	Graphics	ATI Radeon HD4670 with 512 MB of dedicated memory	
	Hard Disc	320 GB SATA disc drive	
	Sound	5.1 channel high definition audio codec	
Operating Parameters	Engineered for Outdoor Environment		
	Operating Temperature	-40°C to +55°C	
	Operating Humidity	100% (with downpours)	
	Protection Rating	IP65 for display and computer compartment	
	Power Supply	AC 100-240 V, 50/60 Hz	
	Power Consumption	0.8 - 2.3 kW (Depending on HVAC operation)	
Software	ControlMotion Basic®	Enables remote management of iMotion® devices	
Build to Order Options			
Interactivity	Touch Screen	Enables applications to respond to user input	
	IP Camera	Enables impact measurement and advanced digital signage systems	
Connectivity	Wireless WAN access	Provides WAN connectivity through IEEE 802.11a/b/g network	
	Wireless Hotspot	Provides internet access to users and additional advertisement channel to	
	Bluetooth Server	Enables proximity marketing and interactive applications	
Software	Preinstalled Operating System	Desired operating system installation	
	ControlMotion Advanced®	Allows centralized surveillance and control of multiple iMotion® devices	
Reliability	UPS	Uninterruptible power supply protects from sudden power loss and potenti	
Security	Alarm Unit	Intrusion detection system	
Personalization	Custom Color	Custom housing color design and custom branding	