

TECHNICAL SPECIFICATIONS – G6 Portrait 47 Digital Signage Stele

	SPECIFICATION	REMARK
Screen size	47"	
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	G6 warranted LCD operation time
Dimensions	830mm x 2.236mm x 357mm	Width x Height x Depth
Weight	180 kg	Approximate
Bezel	90 mm	Top and side thickness
Display to glass distance	12 mm	Distance from LCD panel to protective glass
Orientation	Portrait	
Sides	Single	
Power consumption	0,4kW +- 25%	Depends on deployment area
Power supply	AC 100-240 V, 50/60 Hz	
Technical certification	UL/ CE/IP65 compliant	

ESSENTIAL SYSTEM MODULES

LCD PANEL	FULL HD PROFESSIONAL LCD			
Options	Default	Alternatives		
LCD panel technology	TFT			
Backlight type	LED	Transflective	LED	
Brightness	2.000	up to 2.000	3.000	Operation in NIT at 25°C inner enclosure temperature
Contrast	1.300:1	1.200:1	1.300:1	
Aspect ratio	9: 16 portrait			
Resolution	1.080 x 1.920 px			
Viewing angle	178° horizontal /178° vertical			
Display area	585mm x 1.040mm			
ENCLOSURE SYSTEM	G6			
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 temperature fluctuation	Between 20°C and 25°C/68°F to 77°F	Stable room temperature is unique G6 trait!		
Cooling and heating	Bespoke HVAC	HVAC module		
Air circulation loop type	Closed system	Maximum isolation from environment		
Dust and dirt entry protection	No entry points			
Glass	4+4 mm tampered 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 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

HVAC

ADVANCED SILENT HEATING, VENTILATION AND AIR CONDITIONING UNIT

Compressor	3-phase heavy duty rotary compressor	Ensures reliability in extreme conditions as well as quiet 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	Ensuring proper HVAC operation and allowing error and status reporting as well as maintenance requests
Low temperature protection	Compressor heater for extreme conditions	Protects the compressor from extremely low temperatures

INTELLIGENCE

ECU G6 (ELECTRONIC CONTROL UNIT)

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

Remote system health monitoring	Control and diagnostic software controlmotion G6	Free add-on software installed onto 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 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

COMPUTER

Player (Nexcom NDiS B533)

Processor	Intel® Core™ i5-4570TE (4M Cache, up to 3.30 GHz)
Memory	4 GB DDR3 1333 RAM (Options: up to 16 GB max)
Graphics	Intel HD Graphics 4600
Hard disc	320 GB SATA disk drive (Option:SSD)

Specifications and design are subject to change without notice.