

TECHNICAL SPECIFICATIONS – G6 Double Portrait 75 Digital Signage Stele

| | SPECIFICATION | REMARK |
|-------------------------------|--------------------------------|---|
| Screen size | 75" | |
| 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 | 1.156mm x 2.547mm x 460mm | Width x Height x Depth |
| Weight | 440 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 | Double | |
| Power consumption | 1,7kW +- 20% | Depends on deployment area |
| Power supply | 400 V, 3Φ, 50 Hz, 16 A | |
| Technical certification | UL/ CE/IP65 compliant | |

ESSENTIAL SYSTEM MODULES

LCD PANEL

FULL HD PROFESSIONAL LCD

Options

Default

LCD panel technology

TFT

Backlight type

LED

Brightness

2.500

Operation in NIT at 25°C inner enclosure temperature

Contrast

5.000:1

Aspect ratio

9: 16 portrait

Resolution

1.080 x 1.920 px

Viewing angle

178° horizontal /178° vertical

Display area

928mm x 1.650mm

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.