

## TECHNICAL SPECIFICATIONS – G6 Portrait 55 Digital Signage Stele

|                               | SPECIFICATION                  | REMARK                                      |
|-------------------------------|--------------------------------|---|
| Screen size                   | 55"                            |   |
| 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                    | 928mm x 2.336mm x 360mm        | Width x Height x Depth                      |
| Weight                        | 200 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             | 0,45kW +- 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                    | <b>TFT</b>  |  |         |         |  |
| Backlight type                          | <b>LED</b>  | Transflective                                  | LED     | LED     |  |
| Brightness                              | <b>700</b>  | up to 2.000                                    | 2.500   | 3.000   | Operation in NIT at 25°C inner enclosure temperature |
| Contrast                                | <b>1.300:1</b>                                      | 1.200:1  | 5.000:1 | 1.300:1 |  |
| Aspect ratio                            | 9: 16   |  |         |         |  |
| Resolution                              | 1.080 x 1.920 px                                    |  |         |         |  |
| Viewing angle                           | 178° horizontal /178° vertical                      |  |         |         |  |
| Display area                            | 680mm x 1.210mm                                     |  |         |         |  |
| 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 |

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## HVAC ADVANCED SILENT HEATING, VENTILATION AND AIR CONDITIONING UNIT

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|                            |   |   |
|----------------------------|---|---|
| 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   |

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## INTELLIGENCE ECU G6 (ELECTRONIC CONTROL UNIT)

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|  |                                 |  |
|--|---------------------------------|--|
| 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.