

## Spec Sheet for 7mm Modular Picture Wall

|  |   |
|--|---|
| (Brightness) intensity                           | 5500 nits   |
| Viewing angle - Horizontal (50% brightness)      | 160°  |
| Viewing angle - Vertical (50% brightness)        | 85°   |
| Panel weight                                     | 32 kg   |
| Panel width                                      | 1 meter   |
| Panel height                                     | 0.5 meter   |
| Panel diagonal                                   | 1.250meter  |
| Panel depth                                      | 0.3 meter   |
| Panel area                                       | 0.5 m <sup>2</sup>  |
| Panel material                                   | Aluminium   |
| Type of paint                                    | Epoxy   |
| Construction material                            | Aluminium   |
| Aspect ratio                                     | 2:1   |
| Ingress protection Front face                    | IP 56   |
| Ingress protection Rear of panel including doors | IP 24   |
| Operating temperature range                      | 40°C -20°C  |
| Pixel type and configuration                     | Square, RRGB  |
| Pixel pitch                                      | 7.812mm   |
| Pixel matrix per panel                           | 64 x 32   |
| Lines per meter                                  | 64 physical, 128 DPT  |
| Pixels per sq. meter                             | 4096  |
| LEDs per sq. meter                               | 16384   |
| Minimum viewing distance                         | 9 metres  |
| Colours  | 16 million  |
| Grey Scale                                       | 16 bit  |
| Levels of Brightness intensity control           | 100 steps   |
| Processing (bit)                                 | 16 Bit  |
| Transmitted data rate                            | 160 MBit  |
| Video frame rate                                 | PAL 50, NTSC 60   |
| Display refresh rate pulse technology.           | PAL 100, NTSC 120 spread  |
| Wiepu mains interconnections                     | 16 amp 250v   |
| Data link Interconnections                       | Twisted pair  |
| Maximum LED drive current                        | 15 mA.  |
| Rated Voltage                                    | 100 /240 volts auto   |
| Max kVA (full power white)                       | 2.2 amps at 240V 4.4 Amps at 120V                                       |
| Average kVA (video or stills at full power)      | 30 % of maximum power (note: this applies to moving video – NOT stills) |
| <b>Processor Controls</b>                        |   |
| Contrast   | 100 steps   |
| Saturation                                       | 100 steps   |
| Black level                                      | 100 steps   |
| Brightness                                       | 100 steps   |

|  |  |
|--|--|
| Intensity  | 100 steps  |
| Gamma  | 1 to 3, 0.1 increments   |
| Red  | 40 steps   |
| Green  | 40 steps   |
| Blue   | 40 steps   |
| virtual pixel*   | actual 15.625  |
| Image Shape<br>1x16 to 16x1 using 2 distributors                                       | 1x8 to 8x1 on a single distributor, up to  |
| Power up delay time  | Built into power distributor. Time from switch-on to picture displayed 15 seconds max.                   |
| Remote control   | Laptop/PC and standard wi-fi products or PC with RS232 cable   |
| Diagnostics  | Remote sensing of processor video inputs, remote sensing of distributor operation, full panel reporting. |
| Video input format   | PAL/NTSC, 4x composite, 1x S-video, 1x DVI up to 1024x768, 1x VGA up to 1024x768                         |
| Saving of settings   | Settings are saved in PC and processor at power-down of PC.  |
| Picturebox Physical dimensions: length with truck 11m, without truck 8.5 m. Width 2.5m |  |