

## 55" Splicing Digital Signage

## NT-PSAD5520B

| Panel Specifications                     |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          | OC Supplier                            | LG/BOE                                                                                                                                                                                                                                                                                                                                                                                                |
|                                          | Panel Type                             | TFT LCD                                                                                                                                                                                                                                                                                                                                                                                               |
|                                          | Diagonal Size                          | 54.64"                                                                                                                                                                                                                                                                                                                                                                                                |
|                                          | Active Area                            | 1209.6mm×680.4mm                                                                                                                                                                                                                                                                                                                                                                                      |
|                                          | Bezel                                  | 1.8mm                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                          | Display Scale                          | 16:09                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                          | Resolution                             | 1920×1080                                                                                                                                                                                                                                                                                                                                                                                             |
|                                          | Pixel Pitch                            | 0.630(H)×0.630(V)                                                                                                                                                                                                                                                                                                                                                                                     |
|                                          | Color Depth                            | 10Bit (D), 1.06 Billion colors                                                                                                                                                                                                                                                                                                                                                                        |
|                                          | Brightness                             | 500cd/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                  |
|                                          | Contrast Ratio (Typ)                   | 1400:1                                                                                                                                                                                                                                                                                                                                                                                                |
|                                          | Viewing Angle(CR>10)                   | H:178°/V:178°                                                                                                                                                                                                                                                                                                                                                                                         |
|                                          | Response Time(Typ)                     | 8ms                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hardware Information                     |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                          | Operating System                       | Android 6.0                                                                                                                                                                                                                                                                                                                                                                                           |
|                                          | MicroProcessor                         | Octa-core ARM Cortex-A53(separate NEON coprocessor)<br>Supports full-format H.264 decoder by 4Kx2K@30fps<br>Supports full-format H.265 decoder by 4Kx2K@60fps<br>Support H.264/MVC/VP8 encoder by 1080p@30fps<br>Compatible with OpenGL ES3.1, OpenCLES3 and DirectX 9.3 with 3D GPU embedded<br>Special 2D hardware engine with MMU maximizes display performance and provides very smooth operation |
|                                          | CPU                                    | Two CPU clusters, with four CPU core for each cluster, One cluster is for high-performance and the other is for low power                                                                                                                                                                                                                                                                             |
|                                          | GPU                                    | Base handheld architecture fully OpenGL ES 1.1/2.0/3.0/3.1, OpenGL 3.2 and DirectX 9.3, OpenCL1.2 compliant                                                                                                                                                                                                                                                                                           |
|                                          | ROM (Flash)                            | 8GB                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | RAM(DDR3)                              | 1GB                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Video                                  | RMVB, MPEG1/2/4, DIVX, XDIV, WMV9, H.264, VC-1, MKV, MP4, TS, M2T, VOB                                                                                                                                                                                                                                                                                                                                |
|                                          | Audio                                  | MP3, WMA, WAV, EAAC+, MP2 dec, Vorbis(Ogg), AC3, FLAC, APE, BSAC                                                                                                                                                                                                                                                                                                                                      |
|                                          | Image                                  | JPEG/BMP/PNG/GIF(4088*4088)                                                                                                                                                                                                                                                                                                                                                                           |
|                                          | WI-FI                                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | RJ45                                   | 1                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                          | HDMI(Input)                            | 1                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                          | USB                                    | 2                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                          | SD card                                | 1                                                                                                                                                                                                                                                                                                                                                                                                     |
| System Features (support SD or USB copy) |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                          | Language(optional)                     | English/Japanese/Chinese                                                                                                                                                                                                                                                                                                                                                                              |
|                                          | Content Editing(Video, Photo, Music)   | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Rolling Words, Weather, Office Folders | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Remote Publish                         | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Remote Monitoring                      | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Authority Management                   | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Operational Log                        | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Remote APK upgrade                     | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Auto Start and Watch Dog               | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Power Auto On&Off                      | YES                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power Management & Safety & Certificate  |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                          | Voltage Input                          | 100-240V ~ 60/50HZ                                                                                                                                                                                                                                                                                                                                                                                    |
|                                          | Standby Power                          | ≤0.5W                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                          | Rated Power                            | 130W                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                          | Certificate                            | PSE/CE                                                                                                                                                                                                                                                                                                                                                                                                |
| Environment                              |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                          | Working Temperature                    | 5℃ ~ 40℃                                                                                                                                                                                                                                                                                                                                                                                              |
|                                          | Working Humidity                       | 10% ~ 85%                                                                                                                                                                                                                                                                                                                                                                                             |
|                                          | Working Atmosphere                     | 86KPa~106KPa                                                                                                                                                                                                                                                                                                                                                                                          |
|                                          | Storage Temperature                    | -20℃-55℃                                                                                                                                                                                                                                                                                                                                                                                              |
| Accessory                                |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                          | Wifi Antenna(Optional)                 | 1PCS                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                          | Breathing Lamp                         | 1PCS                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                          | Remote Control                         | 1PCS                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                          | Warranty Card(optional)                | 1PCS                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                          | User's Manual(optional)                | 1PCS                                                                                                                                                                                                                                                                                                                                                                                                  |
| Structure Information                    |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                          | Wall Hanging(VESA)                     | 500x400mm                                                                                                                                                                                                                                                                                                                                                                                             |
|                                          | Outline dimension for single monitor   | 1213.4(H) x 684.2(V) x 76.7(B)                                                                                                                                                                                                                                                                                                                                                                        |
|                                          | Net Weight for 1 single monitor        | 23.8kg                                                                                                                                                                                                                                                                                                                                                                                                |
|                                          | Gross Weight                           | TBD                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Outline Size(L×W×H)                    | TBD                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Size in Carton(L×W×H)                  | TBD                                                                                                                                                                                                                                                                                                                                                                                                   |
| Front View                               |                                        |                                                                                                                                                                                                                                                                                                                                                                                                       |

