

## LG 65SM8100PVA.AFB

LG 65SM8100PVA.AFB 65" NanoCell Smart Digital TV \*TV license\*

### Product Overview

LG 65SM8100PVA.AFB 65" NanoCell Smart Digital TV; Precise Color Expression at A Wide Viewing Angle 4K Active HDR; 4K; Active HDR with Dolby vision; Wide viewing Angle; Nano cell Display; 4K Upscaler; Nano Dot Black; 2.2ch Speaker system; Clear Voice III \*TV license required\*



### Specifications

#### Features:

##### NanoCell TV, The Best LED TV from LG

NanoCell TV is LG's most advanced LED TV that delivers superior picture quality with enhanced RGB color purity thanks to LG's NanoCell technology.

##### Refined Color Purity

Nano Color delivers a stunning visual experience with NanoCell technology that enhances the purity of color using about 1nm nanoparticles.

##### Reveal Pure Colors with NanoCell Technology

Pure RGB colors are the key to realistic picture quality. NanoCell Technology applies nanoparticles that purify colors by filtering out dull colors and enhancing the purity of the RGB spectrum.

##### Precise Color Expression at A Wide Viewing Angle

Wherever you sit, NanoCell TV maintains accurate color, even from the sides, and allows everyone to enjoy the realistic picture.

##### Wide Viewing Angle. Colors Stay Accurate.

Unlike conventional TVs that may distort colors when a picture is viewed from the side, LG NanoCell TV precisely preserves color from both the side and the front viewing angles.

##### 4K Active HDR for Incredible Detail

4K Active HDR optimizes every scene, delivering delicate detail and rich color. The multi-HDR format, including HDR10 and HLG, coupled with LG's dynamic scene-by-scene adjustment technology, lets you enjoy any video content in amazing HDR quality.

**DTS Virtual:X Adding Another Dimension to Sound**

You will enjoy rich, flawless, multi-dimensional audio as the built-in speakers on your TV deliver sound from all angles.

**Quad Core Processor The Origin of 4K Images**

A fast, accurate quad-core processor eliminates noise and creates more dynamic color and contrast. Low-resolution images are up-scaled and reproduced at close to 4K quality images.

**The Simplicity in Harmonized Design**

LG NanoCell TV's Nano Bezel harmonizes with your space and add sophisticated ambience.

**4K HDR Gaming. Flawless Immersion.**

LG NanoCell TV provides perfectly immersive cinematic image in 4K HDR Gaming. With its low input lag, you can synchronize yourself with real-time, fast-paced scene and enjoy dynamic action and fast gaming.

**AI Smart. The New Smart Evolved by AI.**

With LG ThinQ AI, so many things become possible with just your voice. Keep the dialogue going with conversational voice recognition and get recommendations for customized based on your watching habits.

**Specifications:**

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**Specifications**

|                     |                    |
|---------------------|--------------------|
| <b>Product Code</b> | LG 65SM8100PVA.AFB |
|---------------------|--------------------|

**Display**

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Display Type</b>             | SUPER UHD                 |
| <b>Screen Size</b>              | 65"                       |
| <b>Resolution</b>               | 3840 x 2160               |
| <b>Nano Cell Display</b>        | Yes                       |
| <b>IPS Panel</b>                | Yes                       |
| <b>Viewing Angle</b>            | Wide Viewing Angle        |
| <b>Wide Color Gamut</b>         | Nano Cell Color           |
| <b>Billion Rich Color</b>       | Yes                       |
| <b>Dimming</b>                  | Local Dimming             |
| <b>Ultra Luminance</b>          | Ultra Luminance           |
| <b>BLU Type</b>                 | Edge                      |
| <b>TruMotion / Refresh Rate</b> | TM100 (Refresh Rate 50Hz) |

**Video (Picture Quality)**

|                  |                     |
|------------------|---------------------|
| <b>HDR</b>       | 4K Active HDR       |
| <b>Processor</b> | Quad Core Processor |
| <b>HDR10 Pro</b> | Yes (4K/2K)         |
| <b>HLG</b>       | Yes (4K/2K)         |

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### Product Specification Sheet

|                                                  |                                                                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>HDR Effect</b>                                | Yes (4K/2K)                                                                                                        |
| <b>Dynamic Tone Mapping</b>                      | HDR Dynamic Tone Mapping                                                                                           |
| <b>Color Enhancer</b>                            | Advanced Color Enhancer                                                                                            |
| <b>Color Accuracy</b>                            | True Color Accuracy                                                                                                |
| <b>Upscaler</b>                                  | 4K Upscaler                                                                                                        |
| <b>Noise Reduction</b>                           | NR                                                                                                                 |
| <b>HEVC (Video Decoder)</b>                      | 4K@60P, 10bit                                                                                                      |
| <b>VP9 (Video Decoder)</b>                       | 4K@60P, 10bit                                                                                                      |
| <b>Instant Game Response (VRR/ALLM)</b>          | Yes                                                                                                                |
| <b>Picture Mode</b>                              | Yes 9 modes                                                                                                        |
|                                                  | (Vivid, Standard, Eco, Cinema, Sports, Game, HDR Effect, (ISF) Expert (Bright Room), (ISF) Expert (Dark Room))     |
| <b>Audio</b>                                     |                                                                                                                    |
| <b>Speaker (sound output)</b>                    | 20W                                                                                                                |
|                                                  | (10W per Channel)                                                                                                  |
| <b>Channel</b>                                   | 2.0 ch                                                                                                             |
| <b>Direction</b>                                 | Down Firing                                                                                                        |
| <b>Simultaneous Audio Output</b>                 | Yes (Optical Output or HP Support Model)                                                                           |
| <b>DTS Virtual:X</b>                             | Yes                                                                                                                |
| <b>Adaptive Sound Control</b>                    | Yes                                                                                                                |
| <b>One Touch Sound Tuning</b>                    | Yes                                                                                                                |
| <b>Surround mode</b>                             | DTS Virtual: X                                                                                                     |
| <b>Clear Voice</b>                               | Clear Voice III                                                                                                    |
| <b>LG Sound Sync</b>                             | Yes                                                                                                                |
| <b>Auto Notification (Bluetooth easy paring)</b> | Yes                                                                                                                |
| <b>Bluetooth Audio Playback</b>                  | Yes                                                                                                                |
| <b>DTS Decoder</b>                               | Yes                                                                                                                |
| <b>Audio Codec</b>                               | AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, DTS, DTS-HD, DTS Express, WMA, apt-X (Refer to manual) |
| <b>AI Function</b>                               |                                                                                                                    |
| <b>ThinQ</b>                                     | Yes                                                                                                                |
| <b>Intelligent Voice Recognition</b>             | Yes                                                                                                                |
| <b>Speech to Text</b>                            | Yes                                                                                                                |
| <b>LG Voice Search</b>                           | Yes                                                                                                                |
| <b>AI UX</b>                                     | Yes                                                                                                                |
| <b>AI Home</b>                                   | Yes                                                                                                                |

## ComX Computers

### Product Specification Sheet

|                                                     |                 |
|-----------------------------------------------------|-----------------|
| AI Recommendation/AI                                | Yes             |
| Intelligent Edit                                    | Yes             |
| Home Dashboard                                      | Yes             |
| Auto Device Detection                               | Yes             |
| Mobile Connectivity                                 | Yes             |
| LG TV Plus App                                      | Yes             |
| Smart ThinQ App                                     | Yes             |
| Smart Function                                      |                 |
| Operating System (OS)                               | webOS Smart TV  |
| Number of CPUs                                      | Quad            |
| Magic Remote Control                                | Built-In        |
| Quick Access                                        | Yes             |
| Universal Control                                   | Yes             |
| 360 degrees VR Play                                 | Yes             |
| Magic Link                                          | Yes             |
| LG Content Store                                    | Yes             |
| DIAL                                                | Yes             |
| Web Browser                                         | Yes             |
| Music Player                                        | Yes             |
| Mobile TV On                                        | Yes             |
| Wi-Fi TV On                                         | Yes             |
| Bluetooth Low Energy On                             | Yes             |
| Network File Browser                                | Yes             |
| Block access to harmful site                        | Yes             |
| Hotel Mode                                          | Yes             |
| Broadcasting System                                 |                 |
| Digital TV Reception(Terrestrial, Cable, Satellite) | Yes DVB-T2/C/S2 |
| Terrestrial                                         | DVB-T2          |
| Cable                                               | DVB-C           |
| Satellite                                           | Yes (DVB-S2)    |
| Analog TV Reception                                 | Yes             |
| Data Broadcasting (Country Spec)                    | Yes             |
| Teletext Page                                       | Yes             |
| Teletext (Top/Flof/List)                            | Yes             |
| [DVB] Subtitle                                      | Yes             |
| AD (Audio Description)                              | Yes             |

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### Product Specification Sheet

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| EPG (8days)                       | Yes                                   |
| <b>Connectivity</b>               |                                       |
| Screen Share                      | Yes                                   |
| HDMI                              | 2 (Rear)/2 (Side)                     |
| Version                           | HDMI 2.0                              |
| Simplink (HDMI CEC)               | Yes                                   |
| eARC/ARC (Audio Return Channel)   | ARC (HDMI 2)                          |
| USB                               | 1 (Rear)/1 (Side)                     |
| LAN                               | Yes (Rear)                            |
| Component                         | Yes (Rear, Component in/AV in common) |
| Composite In (AV)                 | Yes (Rear, Component in/AV in common) |
| RF In                             | 2 (Rear, RF/Sat)                      |
| SPDIF (Optical Digital Audio Out) | Yes (Rear)                            |
| Wifi                              | Yes (802.11ac)                        |
| Bluetooth                         | Yes (V5.0)                            |
| <b>Power &amp; Green</b>          |                                       |
| Power Supply                      | AC 100~240V 50-60Hz                   |
| Standby Power Consumption         | Under 0.5W                            |
| Energy saving Mode                | Yes                                   |
| Illuminance Green sensor          | Yes (white sensor)                    |
| <b>Accessory</b>                  |                                       |
| Magic Remote (MR19)               | Yes                                   |
| Batteries                         | Yes (AA x 2EA)                        |
| Power Cable                       | Yes (TV Detached)                     |
| <b>Weight</b>                     |                                       |
| Product Weight (W/Stand)          | 25.8                                  |
| Product Weight (W/O Stand)        | 24.1                                  |
| Product Weight (W/Packing)        | 33.3                                  |
| <b>Dimensions</b>                 |                                       |
| Product Dimensions (W/Stand)      | 1451 x 910 x 323.7                    |
| Product Dimensions (W/O Stand)    | 1451 x 840 x 64                       |
| Product Dimensions (W/Packing)    | 1600 x 1035 x 207                     |
| <b>Additional Feature</b>         |                                       |

## ComX Computers

### Product Specification Sheet

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>OSD Language</b>       | English, Spanish (Español)          |
|                           | French (Français), Portuguese       |
|                           | Russian, Indonesian                 |
|                           | Malayan, Vietnamese                 |
|                           | Thai, Arabic, Kurdish               |
|                           | Afrikaans, Amharic, Hausa, Swahili. |
| <b>Time Machine (DVR)</b> | Yes                                 |
| <b>Digital Recording</b>  | Yes                                 |
| <b>Analog DVR</b>         | Yes                                 |
| <b>Time Shift</b>         | Yes                                 |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:** <https://www.comx.co.za/LG-65SM8100PVA-AFB-LG-65SM8100PVA-AFB-65-NanoCell-Smart-Buy-p-225801.php>

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