LG G8 ThinQ™

TOUCHLESS CONTROL
- Hand ID
- Air Motion

PREMIUM AUDIO
- Crystal Sound OLED Speaker
- Stereo Boombox Speaker

ADVANCED CAMERAS
- 12 MP Standard Rear
- 16 MP Wide-Angle Rear
- 8 MP Front-Facing with Z Camera

ELEGANT DESIGN
- Sleek Glass Design
- 6.1" OLED FullVision™ Display

www.lg.com/us/G8_ThinQ-unlock
Cameras

<table>
<thead>
<tr>
<th>DUAL REAR CAMERAS</th>
<th>Super Wide Angle</th>
<th>FRONT CAMERAS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Field of View</strong></td>
<td>78˚</td>
<td><strong>Standard Angle</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Maximum Aperture</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>f/1.6</strong></td>
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<tr>
<td><strong>Maximum Aperture</strong></td>
<td>107˚</td>
<td><strong>f/1.8</strong></td>
</tr>
<tr>
<td><strong>Sensor Size</strong></td>
<td>1/2.6”</td>
<td><strong>Sensor Pixel Size</strong></td>
</tr>
<tr>
<td><strong>Sensor Pixel Size</strong></td>
<td>1.40 µm</td>
<td><strong>1/3.1”</strong></td>
</tr>
<tr>
<td><strong>Resolution (up to)</strong></td>
<td>12 MP (4032 x 3024)</td>
<td><strong>1.22 µm</strong></td>
</tr>
<tr>
<td><strong>Flash</strong></td>
<td>LED</td>
<td><strong>Resolution (up to)</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>8 MP (3280 x 2460)</strong></td>
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</tbody>
</table>

DUAL REAR CAMERAS

- **OIS+** – capture sharp images quickly with less blur
- **Dual PDAF** – autofocus using dual PD pixel sensor
- **Zoom** – up to 8x
- **Google® Lens** – searches what you see and provides relevant online information; features QR code and real-time translator
- **Manual Camera** - adjust shutter speed, ISO, exposure, white balance, and more; save image as raw (DNQ) and JPEG
- **Graphy 2.0** - select reference photos that automatically adjust Manual Mode settings
- **Food** - adjusts white balance to improve appearance
- **Other Camera Modes**: Auto, Burst Shot, Cine Video, Panorama, YouTube Live, Time-Lapse, 360 Panorama
- **AI Composition** - recognizes up to 3 people and adjusts the picture composition based on photography's rule of thirds
- **Night View** - take sharper photos at night by adjusting the brightness with the slider

DUAL REAR CAMERAS & FRONT CAMERA

- **Studio** - switch the background to a specific color
- **Spotlight** – add lighting from different angles by selecting where it illuminates the subject’s face
- **Portrait** - bokeh effect blurs the background while keeping the subject in focus
- **AI Cam** - suggests the optimal effect and angle by automatically identifying what’s in the shot
- **Cine Shot** - create partially animated videos by selecting specific areas to animate
- **HDR** - corrects backlighting with multiple exposure techniques

- **My Avatar** - take a picture of yourself to create a personalizable animated emoji
- **AR Emoji** - 3D graphic animals mimic your facial expressions
- **Flash Jump-Cut** - photos are taken every 3 seconds and saved as a GIF
- **Live Photo** - record the action right before and after you take a photo
- **AR Sticker** - personalize photos with a variety of pre-loaded stickers
- **Quick Sharing** - access sharing apps instantly after taking pictures and videos
- **Film Effect** - choose from 17 preset filters

FRONT CAMERA

- **8 MP Autofocus Front-Facing Camera**
- **Story Shot** - customize selfie backgrounds with an image from gallery or photo taken with rear camera
- **Makeup Pro** - manually change the appearance of selfies by adjusting complexion, lip color, or enhancing eyes and eyelashes
- **Auto Shot** - take a selfie with automatic face detection
- **Gesture Shot** - take a selfie with a simple hand gesture
- **Gesture Interval Shot** - make a fist twice to take four selfies in a row
- **Gesture View** - automatically preview the image when bringing the phone close
- **Selfie Light** - screen illuminates for well-lit selfies
- **Beauty Shot** - softens facial features

* App download required.

Video Recording

- **Video Portrait** – blurs the background while keeping the subject in focus
- **4K Video Recording at 60 FPS**
- **EIS** – capture sharp footage with less blur
- **Resolution** up to 3840 x 2160 pixels (1920 x 1080 default)
- **Steady Record** - record smoother, clearer videos on the move (this is available front and rear)
- **HDR10 Video Recording** - life-like footage with a wide spectrum of color that is rich, accurate, and high contrast

- **Point Zoom** - zoom in on any selected area within the frame for more stability and control
- **Video Manual Mode** - adjust audio focus, manual focus, white balance, frame rates, and more
- **Cine Effect** - choose from 16 different color grading presets for a cinematic look
- **Slo-mo** - record the whole or part of a video HD 240 FPS Slow Motion Video Recording
- **Time-Lapse Video** - video where time appears to be moving faster
- **Video Studio** - merge up to 50 photos or videos; trim and add title/text, background music, and theme effect overlays

* Not available with some camcorder settings.
Experience

SECURITY
- Multi ID – 3 ways to unlock: 3D Face Unlock, Fingerprint ID, and Hand ID
- Hand ID – 3D sensor scans palm and uses unique vein recognition technology to unlock the device
- Fingerprint ID – access phone, make mobile payments, secure content
- 3D Face Unlock – unlock screen with facial scan
- Screen Lock - Swipe, Knock Code®, Pattern, PIN, Password
- Google Smart Lock - keep phone unlocked when connected to trusted devices or in trusted places

CONVENIENCE
- Air Motion – control phone with touchless commands to access favorite functions, answer calls, snooze alarms, and increase volume
- Z Camera – front-facing 3D sensors (receiving and transmitting) enable touchless control, security features, and enhanced selfies
- Emotional Haptic Function - vibrates when AI functionality has detected something
- Barge-in - recognizes “Hey Google” commands while audio is playing
- App Scaling - set view to None (Original), Compatibility (16:9), Standard (16.7:9), Full screen
- Shortcut Keys - quick access to Capture+, Camera or Google Assistant

Audio
- Crystal Sound OLED Speaker - entire screen is a speaker for immersive sound
- Stereo Boombox Speaker - inner resonance chamber along with top and bottom speakers provide greater sound levels for boosted bass
- DTS:X Virtual Surround - deep 3D stereo audio experience
- 32-Bit Hi-Fi Quad Digital-to-Analog Converter (DAC) - produces crisp, full sound through wired headphones
- Wind Noise Filter - minimize wind noise during video recording
- Sound Preset - custom options to achieve different sound experiences
- Digital Filter - Short, Sharp, or Slow options of Sound Filter characteristics in DAC
- Super Far-Field Voice Recognition (FFVR) - improved voice recognition picks up commands better in noisy environments from up to 16' away
- RAM (Receiver as Mic) - 2 high AOP mics record higher-quality sound
- HD Audio Recorder - choose between Normal, Concert, and Custom modes; record over a separate track
- Hi-Fi Video Recorder - 2 high AOP mics record higher-quality sound
- Hi-Fi Streaming - MQA decoder enables high resolution audio to be packaged in a small size

Entertainment
- Boombox Show - music comes alive with a strobe light and screen visuals that move to the music
- Game Tools - use take a break function, take a screenshot, scale app, disable alerts during game, hide home touch buttons or adjust resolution and frame rate
- Accelerometer - control games by turning and tilting
- Music Player - supports MP3/MP2, WAV, AMR, AAC, eAAC+, AC3, OGG, FLAC, QCP, DSF, DFF, AIFF, WMA, MID, XMF, IML, RTTTL/RTX, M4A, MIDI, PCM, and MP2 formats
- LG Music App - organized by songs, albums, artists, genres, playlists, folders, and nearby devices
- Video Player with Touch Lock, Play on Lock Screen, Live Zooming, Video Screenshot, and Resume Play Functions; supports 3G2, 3GP, MP4, M4V, AVI, ASF, MPG, MKV, Webm, FLV, TS, M2TS, OGM, MOV, PS, K3G, SKM, and MPG formats
- Customizable Video - Play Speed, Screen Ratio, Subtitle

1 Wired headphones or speakers required. 2 Ambient noise and room configuration may lessen operational distance and accuracy. 3 Available only in Manual Mode.

* Only available on certain interactions with the touch screen.
LG G8 ThinQ

**SPECIFICATIONS & FEATURES**

### Display

- 6.1\" QHD+ OLED Display (3120 x 1440, including notch), 564 ppi
- FullVision Display - 19.5:9 Aspect Ratio; 83.1% screen-to-body ratio
- New Second Screen - choose to add a color fill to the status bar

* Actual viewable area is less due to rounded corners and notch.

### Design & Durability

- Size: 5.98\" (H) x 2.83\" (W) x 0.33\" (D), Weight: 5.89 oz.
- Dedicated Google Assistant Key
- IP68 Dust and Water Resistant
- Shock Resistant - MIL-STD-810G Tested

1. Tested under controlled laboratory conditions with a rating of IP68 under IEC standard 60529 (Water resistant up to 1.5 meters for 30 minutes). If the product gets wet, use a clean, soft cloth to dry it thoroughly.
2. Compliant with a military standards test (MIL-STD-810G Method 516.6, Procedure IV "Transit Drop"). Device may not perform as tested in all conditions. Test performed in controlled environment. Do not attempt.

### Connectivity

- 4G LTE Network
- Network: LTE/UMTS/GSM/CDMA
- Frequencies: CDMA BC0, BC1, BC10; GSM 850/900/1800/1900 MHz; WCDMA Bands 1/2/4/5/8; LTE 1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/30/38/39/40/41/44/48/66/71
- Data Transmission: LTE, EVDO Rev A, EVDO, 1xRTT, HSPA+, HSPA, UMTS, EDGE, GPRS, GSM
- Wi-Fi Hotspot - share a 4G LTE data connection with up to 10 wireless devices
- Bluetooth® - Wireless Technology Version 5.0
- Supported Bluetooth Profiles: A2DP, AVRCP, D1, GATT, GAVDP, G0EP, HDP, HFP, HID, HSP, MAP, OPP, PAN, PBAP, SPP, HOGP
- Wi-Fi® Standards: 802.11 a/b/g/n/ac

1. 4G LTE Network not available everywhere. 2 Carrier service required. Product features subject to change. Features based on carrier program availability. Additional charges may apply. 3 Depends on network availability. Additional carrier charges may apply. 4 USB cable required (included). 5 HD Voice required on both caller and receiver devices.

### Power & Performance

- Platform: Android™ 9 (Pie)
- User Interface: LG UX 8.0
- Processor: Qualcomm Snapdragon™ 855 Octa-core
- Battery Capacity: 3,500 mAh Non-Removable
- Talk Time: Up to 22 hours

1. Actual time may vary depending on network connectivity and application use. 2 Wireless charger sold separately. 3 Usable memory varies depending on software version and settings.

### LG Accessories

- USB Type-C Cable (Quick Charge 3.0 Charger)
- SIM Tray Opener

1. Included with phone. 2 Available models vary by carrier

- Floating Bar - access app shortcuts and call notifications on a movable/collapsible toolbar
- Always-On Display - time, date, and notifications appear on a sleeping screen
- Palm Rejection - prevents accidental interactions on the touch screen

* Actual viewable area is less due to rounded corners and notch.

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