



GRANDSTREAM  
CONNECTING THE WORLD



## 1080p Webcam GU3100

The GU3100 is a Full HD USB camera that enables high-quality audio and video collaboration through laptops, computers and more. This webcam supports 1080p Full HD real-time video through a 2 megapixel CMOS image sensor and includes 2 built-in omni-directional microphones with 1+ meter voice pickup range for clear communications. The GU3100 is compatible with all major third-party communication platforms, apps and softphones as well as Grandstream's IPVideoTalk Meetings and Wave app. Ideal for remote workers, the GU3100 provides an easy-to-setup, easy-to-use USB webcam with Full HD video and audio quality for web meetings, video conferences and more.



Supports 1080p Full HD video at 30fps



USB 2.0 port offers plug-and-play setup, no software download/installation needed



2 built-in microphones offer a 1+ meter voice pickup range



Compatible with all major third-party platforms, apps and softphones



Adjustable video settings include brightness, resolution, saturation, contrast, low-light and more



Noise canceling technology to minimize background noise

|                                                |                                                                                                                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Image Sensor</b>                            | High-quality CMOS sensor                                                                                                                                                                                                                          |
| <b>Effective Pixels:</b>                       | 2MP, 16:9                                                                                                                                                                                                                                         |
| <b>Video Compression</b>                       | MJPEG, YUV2, H.264, H.265                                                                                                                                                                                                                         |
| <b>Microphone</b>                              | 2 integrated omni-directional microphones with over 1-meter voice pickup distance, supports noise suppression and cancellation                                                                                                                    |
| <b>USB</b>                                     | USB2.0 (for power and firmware upgrade)                                                                                                                                                                                                           |
| <b>Compatibility</b>                           | Compatible with all major third-party communication platforms, applications and softphones, including Microsoft Teams, Zoom, Cisco WebEx, Grandstream's IPVideoTalk Meetings, Grandstream Wave, Counterpath's Bria softphone, 3CX softphone, etc. |
| <b>Angle of View</b>                           | 88°(D) / 80°(H) / 50°(V)                                                                                                                                                                                                                          |
| <b>Focal Length</b>                            | f=3.24mm                                                                                                                                                                                                                                          |
| <b>Video Resolution</b>                        | 960x540 / 320x180 / 432x240 / 640x360 / 800x448 / 800x600 / 864x480 / 960x720 / 1024x576 / 1280x720 / 1600x896 / 1920x1080 / 272x144 / 368x208 / 384x216 / 480x272 / 624x352 / 912x512 / 424x240 / 640x480 / 320x240 / 160x120 / P30              |
| <b>Maximum Resolution</b>                      | 1920x1080                                                                                                                                                                                                                                         |
| <b>Maximum FPS</b>                             | 30fps                                                                                                                                                                                                                                             |
| <b>Minimum Illumination</b>                    | 0.5Lux (F1.8, AGC ON)                                                                                                                                                                                                                             |
| <b>Lens Focus</b>                              | Fixed                                                                                                                                                                                                                                             |
| <b>Suggested Distance Range for Lens Focus</b> | 0.3m - 1.7m (1feet - 5.6 feet)                                                                                                                                                                                                                    |
| <b>Backlight contrast</b>                      | On / Off                                                                                                                                                                                                                                          |
| <b>Anti-flicker</b>                            | Manual                                                                                                                                                                                                                                            |
| <b>Video Adjustments</b>                       | Brightness / Resolution / Saturation / Contrast / Gain / Low-Light-Compensation adjustable / Exposure / White Balance                                                                                                                             |
| <b>SNR</b>                                     | >50dB                                                                                                                                                                                                                                             |
| <b>Input Voltage</b>                           | 5V                                                                                                                                                                                                                                                |
| <b>Input Current</b>                           | 500mA (max)                                                                                                                                                                                                                                       |
| <b>Power</b>                                   | 2.5W (max)                                                                                                                                                                                                                                        |
| <b>Temperature</b>                             | Storage Temperature: -10°C ~ +60°C<br>Operating Temperature: -10°C ~ +50°C                                                                                                                                                                        |
| <b>Humidity</b>                                | Storage Humidity: 20% ~ 95%<br>Operating Humidity: 20% ~ 80%                                                                                                                                                                                      |
| <b>Cable Length</b>                            | 1.8 meters                                                                                                                                                                                                                                        |
| <b>Dimensions</b>                              | 102mm x 46mm x 30mm                                                                                                                                                                                                                               |
| <b>Weight</b>                                  | 0.15kg                                                                                                                                                                                                                                            |
| <b>Compliance</b>                              | FCC, CE, RCM, IC                                                                                                                                                                                                                                  |