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| Front: **Organic LED (OLED)**  **OBJ 1.2** | Front: **Wi-Fi Placement**  **OBJ 1.2** |
| Front: **Wi-Fi Connector**  **OBJ 1.2** | Front: **Camera (Rear Facing)**  **OBJ 1.2** |
| Front: **Webcam (Front)**  **OBJ 1.2** | Front: **Lens: focuses light onto image sensor**  **Img Sensor: converts light into electrical signals,**  **producing digital image**  **Img Processing Chip: enhances img by adjusting**  **colors, exposure, noise reduction**  **OBJ 1.2** |

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| Back:  **- strategically placed along outer edges, near top**  **or side of the screen or within bezel**  **- avoids interference from internal components**  **- provides best signal strength w/o interference from metal components or the user** | Back: **- Each pixel has its own separate LED that**  **provides the light**  **- OLEDs can be made from plastic**  **- OLEDs can be folded, rolled up, or manipulated**  **to create different**  **shapes and sizes of displays** |
| Back:  **- most mobile devices have rear and**  **front facing cameras**  **- often highest quality camera on device being rear**  **- includes lenses, img sensors, multiple**  **cameras for wide-angle, zoom, macro in depth**  **- quality depends on resolution(megapixels),**  **sensor size, software processing** | Back: **- connects antenna to motherboard**  **- usually small, coaxial-type connector**  **- enables wireless signal transmission**  **for data/internet access** |
| Back:  **Camera** | Back:  **- generally lower quality compared to phones**  **and rear cameras**  **- used for video calls, selfies, facial recognition**  **- mobile ones often embedded just above**  **the display** |