



PIXELS+

by mySupplier

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Product Specifications

Camera

800 Million pixels
Auto focus and zoom
F1.6 Large Aperture

Display

Display HD 1280 x 720
60 FPS, 40° FOV

Thermal Imaging

Uncooled Infrared Focal Plane
Resolution: 384 x 288
Accuracy: +/- 0.3°C

Interaction

Touchpad & Button
Power/Volume/Back



OS

Android 9.0

Processor

Amlogic S905D3-N0N
AI Deep Learning

Body

Matte Black Finish
Weight: 90g

Battery

10000mAh 3.8V
Power: DC 5V, 2A

Connectivity

Bluetooth 5.0 + EDR/BLE
Wi-Fi 2.4G & 5.8G Dual Band

Pixels+ is an AI-based thermal screening solution to keep your business infrastructure and workforce safe.

Integrating Thermal Imaging, Artificial Intelligence, Augmented Reality, Big Data, and many other advanced technologies, the Pixels+ smart glasses identify the body temperature of multiple targets with an accuracy of $\pm 0.3^{\circ}\text{F}$ and response time less than 300 milliseconds. The 800MP wide-angle lensed camera provides rich detail with a resolution of 1280 x 960 pixels at 60 frames per second even in low-light conditions. Pixels+ is best suited for large gathering places such as malls, hospitals, educational institutes, airports, enterprises, and other commercial businesses

Powered by Android 7.1

The advanced Amlogic processor, Neural Processing Unit (NPU), and Android 9.0 operating system empower the glasses to measure the body temperature of up to 200 people in just under a minute.



AI-based thermal imaging

The device's Uncooled Infrared Focal Plane sensor captures the infrared radiations in a given area and forms a heat distribution map where it identifies, measures, and displays the body temperature with $\pm 0.4^{\circ}\text{F}$ accuracy at 6m and $\pm 0.3^{\circ}\text{F}$ accuracy at 4m. Measuring from a safe distance, Pixels+ reduces the chances for cross-infection and increases the safety of the infrastructure and workforce.

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Capture moving targets accurately with image stabilization. The 12MP CMOS image sensor delivers high-resolution images at 60 frames per second. With a 40° FOV, you can get a wider view of your targets without losing any of the image's crystal-clear sharpness.

Durable, stylish, and comfortable design for a convenient wearing experience. The seamless design and matte black finish ensure Pixels appear as cool as a Wayfarer. The glasses are also flat, foldable, and fits in your pocket and luggage for portability.



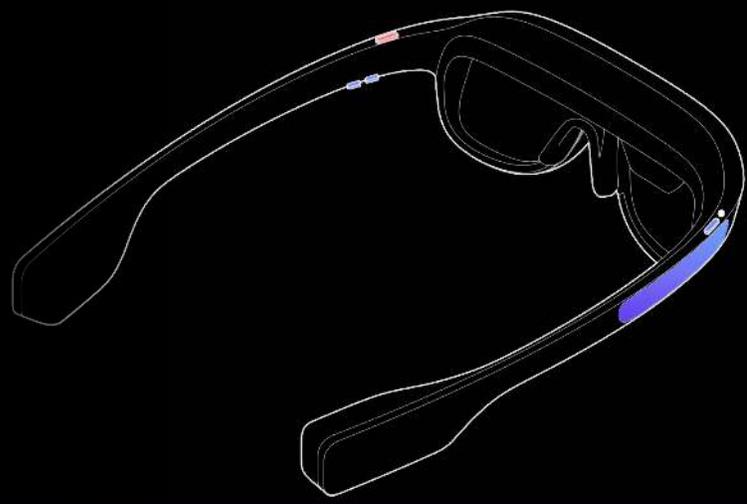
AI-based Thermal Imaging for reliable temperature measurement. The side-mount Infrared thermal imaging sensor provides precise real-time temperature measurements in the range of 86°F - 112°F with an accuracy lower than $\pm 0.4^{\circ}\text{F}$ within a distance of 6ft.

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Power-packed for high-speed image processing & AR experience. The Amlogic S905D3-N0N processor supports phenomenal performance on Pixels+ thermal glasses. It uses 25% less power than other designs and is engineered to deliver cutting-edge camera capabilities.

Real-time automatic target detection and thermal tracking. Toggle between easy-to-switch display modes—Thermal (full-screen) and Grayscale (mini-window)—to help reduce eye strain and fatigue. Alarm function also assists to screen high-temperature targets.



Interactive touchpad for intuitive and distinctive user experiences. You can perform an array of functions entirely with your touchpad; actions like power-on, power-off, wake, sleep, volume control, navigate, display modes, and alerts right at your fingertips.

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