



PHILIPS

Vital signs camera
for automotive

Accurate contactless heart rate monitoring with Philips' vital signs camera for automotive

As vehicles become more connected and autonomous, a growing emphasis rises on driver monitoring, aiming to prevent accidents and meeting evolving safety regulations. Philips is introducing a vital signs monitoring solution tailored to the automotive industry, which has the potential to be connected to the comfort and safety settings of the car.

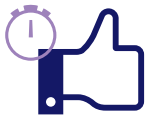


How it works

The vital signs camera for automotive detects subtle color changes in your skin caused by blood volume variations from your heartbeat. This health-tech breakthrough enables contactless heart rate monitoring — no wearables needed.

Key Features

Philips' vital signs camera for automotive is built for real-world conditions and:



has a high accuracy
and availability



is robust to motion
and lighting changes



is able to accurately track
heart rate fluctuations

Imagine how the vital signs camera for automotive could become a true partner in comfort and safety

- Vital signs camera for automotive provides the opportunity to continuously monitor a driver's heart rate and respiration rate. Providing insights that may be used for detection of acute heart failure, which may alert the driver or even activate emergency protocols.
- Early signs of drowsiness or elevated stress levels may be detected using the output of vital signs camera for automotive. The car's environment may be adjusted—whether it's adjusting the lighting, temperature, or even the music—to create a more relaxed and focused driving experience.



Partner with us, a leading global technology company focused on improving people's health and well-being through meaningful innovation in healthcare and consumer lifestyle.

For more information visit our website: www.philips.com/vitalsigns-camera

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