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New iPhone instantly measures a person's height – 8th December, 2022

Level 0

Smartphones are a useful technology. They have some secrets. One is on the new iPhone. It can measure someone's height. You point your camera at a person and an app gives you their height. The person must stand in front of the camera from head to toe. The new app could stop people arguing about who is the tallest.

The app is called Measure. It uses a special sensor and a technology called LiDAR. This is "light imaging, detection, and ranging". LiDAR is used to take digital photos of the Earth. It measures a person's height by bouncing light off them. When the light returns to the sensor, the app calculates the person's height.

Level 1

Smartphones are a great technology. We need them every day. They have some secrets. One is on the new iPhone. It can measure someone's height. You just point your phone camera at someone and an app gives you their height. The person you are measuring must stand in front of the camera from head to toe. You can measure your own height in a mirror, but this is not so accurate. The new app could end arguments about who is the tallest.

The app is called Measure. It uses a special sensor that is inside the camera. The sensor uses LiDAR technology. This is "light imaging, detection, and ranging". LiDAR is used to make digital 3D models of the Earth. It measures a person's height by bouncing light off them. When the light returns to the sensor, the app calculates the person's height. A website joked that the app, "isn't as cool as drawing lines on a door" to find someone's height.

Level 2

Smartphones are a wonderful technology. We rely on their features every day. They have many hidden functions that we are unaware of. One is on the new iPhone 14 Pro. This can measure someone's height. You just point your phone camera, click on the Measure app, and get a measurement of how tall a person is. The person whose height you are measuring must stand in front of the camera from head to toe. You can measure your own height in a mirror, but this is not so accurate. A friend should help you. The new Measure app could end arguments about who is the tallest.

The Measure app uses AR and a special sensor that is inside the camera. The sensor uses LiDAR technology. This is "light imaging, detection, and ranging". LiDAR is used to make digital 3D models of areas of the Earth and of the bottom of the ocean. It measures a person's height by sending out light. This light bounces off the person being measured and returns to the sensor. The app measures how long this took and calculates the person's height. The website bgr.com joked that the app, "isn't as cool as drawing lines on a door" to find someone's height.

Level 3

Smartphones are a wonder of modern technology. They have many features that we rely on every day. They also have many hidden functions that we are unaware of. One such secret is on the new Apple iPhone 14 Pro. This has the ability to measure someone's height. You just point your phone camera at a person, click on the Measure app, and get an instant measurement of how tall that person is. The person whose height you are measuring must be standing in front of the camera from head to toe. It is possible to measure your own height in a mirror, but this is not so accurate. It would be better for a friend to do it for you. The new Measure app could end arguments about who is the tallest.

The Measure app uses AR (augmented reality) and a special sensor that is inside the camera. The technology behind the sensor is called LiDAR. This is an acronym for "light imaging, detection, and ranging". LiDAR is also called 3D laser scanning. It is used to make digital 3D models of areas of the Earth's surface and of the bottom of the ocean. LiDAR measures a person's height by sending out pulses of light. These light pulses bounce off the person being measured and return to the LiDAR sensor. The app measures how long this took. The length of time helps the app to calculate the person's height. The website bgr.com joked that the app, "isn't as cool as drawing lines on a door" to find someone's height.