

Smart Material Engineering Company

CML designs and develops miniature motors, also known as actuators, for use across a variety of applications including miniature cameras.

CML's actuators use Shape Memory Alloy (SMA) material in the form of a wire, which is the size of a human hair and can be controlled to the wavelength of light.

CML delivers its technology to market with an IP licensing model. CML's actuators are shipping within smartphones, wearables and drones and multiple supply chains have put in place production capacity to deliver millions of SMA actuators a month.



CML plans to apply its platform technology to the additional high-volume markets of haptics, 3D face recognition and augmented reality.

The Benefits of SMA Technology



Facts

- **Cambridge HQ, offices in Shenzhen, Shanghai, Hong Kong, Taipei and Seoul**
- **Robust global patent portfolio of over 180 patents issued and pending worldwide**
- **CML's SMA actuators are shipping in millions of smartphones, wearables and drones**
- **CML is the only company to control accurately the movement of SMA wire without the need for additional sensors**

Recent News

28 March 2019

[Credit Suisse Confirm Image Sensor Upgrades](#)

Demand is increasing for Shape Memory Alloy (SMA) OIS actuators as image sensor resolutions continues to rise

19 March 2019

[Industry Prepares for Next Generation Camera Resolutions](#)

Qualcomm are future-proofing their range of chipsets as they anticipate the emergence of 64MP and 100MP cameras

25 February 2019

[CML technologies integrated into Qualcomm's chips with TDK smartphone camera software controller](#)

CML's software and algorithms have been integrated into Qualcomm's Snapdragon application processors

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