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| Product name and model | The camera optical anti tremor actuating motor |
| Main technical performance index of the product | Function: optical anti tremor actuating motor  Suitable pixel: 13M/16M/20M |
| Compared with the old products, what are the improvements  (structure, material, technology, process, performance, use function) | Now the mobile phone market matures, mobile phone manufacturers need to constantly update technology to attract eyeballs, and mobile phone camera pictures is one of the important parameters, focusing speed, pixel, night shot, shot image stabilization, aperture size and so on are in constant ascension, PDAF, closed loop laser focus, focus fast focusing technique is gradually applied in mobile phone, but the focus speed for night shot effect and shot image stabilization was improved, but can not fundamentally solve the long time with night exposure, picture jitter caused handshaken dither picture jitter and moving scene to the optical image stabilization technology by controlling the lens caused lateral movement offset jitter screen shaking, let the light into the sensor can accurately fundamentally solve this problem。   |  |  |  |  | | --- | --- | --- | --- | |  | Old products | New product | Utility | | Structure | Reed type single axis movement structure | Hanging wire and reed type three axis movement structure | Increase the lateral movement of the lens, there is anti shake effect | | Design Technique | Traditional reed structure,  The structure tends to maturity | The suspension wire and reed structure need to solve the frequency resonance and adjust the position sensor and IC together | Higher entry threshold, greater value-added | | Technology | Thermosetting adhesive | Thermosetting adhesive and shock absorbing adhesive | Frequency resonance reduction | | Performance | Lens unidirectional movement | Three axis motion of lens | Optical anti shake, improve picture quality | | Use function | Configurable high speed focusing, high pixel function | Configurable high-speed focus, high pixel, night shot enhancement, optical anti shake function | Shooting in complex environments gives better picture quality | |