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| Product name and model | Camera lens optical miniaturized large anti tremor actuating motor |
| Main technical performance index of the product | Function: anti tremor and automatic focusing optics  Suitable pixel: 13M/16M |
| Compared with the old products, what are the improvements  (structure, material, technology, process, performance, function of use) | Optical anti tremor has gradually become the trend of high order mobile phone camera configuration, but due to the complexity of optical anti tremor of the motor, the motor size optical anti tremor than AF motor, in the limited space within the mobile phone often because the size of the motor and optical anti tremor restrict camera towards high pixel, the new camera products miniaturized large lens optical anti tremor actuation motor in the shape of the same size, carrying a larger lens, support the camera with more pixels, and have the following improvement:   |  |  |  |  | | --- | --- | --- | --- | |  | Old products | New product | utility | | Structure | The lens shift type optical image stabilizer | The lens rotating optical image stabilizer | In the same motor size, improve shot size, improve the pixel camera | | Design Technique | Suspension suspension design is difficult to assemble and easy to damage when subjected to mechanical shock | Shrapnel suspension design, assembly high yield, and mechanical shock is not easy to damage | High yield helps to reduce costs, promote the anti tremor spread to the low order price of mobile phone camera | | Technology | Circuit plate coil | Direct winding | Drain the supply bottleneck from a single vendor and reduce costs | | Performance | The 9.5x9.5 is the optical anti tremor motor can collocation Phi6.5 lens (16M/13M) | The 9.5x9.5 is the optical anti tremor motor collocation Phi7.0 lens (20M/16M) | The appearance of camera size limit is limited, to improve the pixel to 20 million pixel camera | | Use function | Handshaken, optical anti AF | Handshaken, optical anti AF, and the optical axis correction to improve the image quality | The optical axis correction can effectively improve the image resolution | |