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Technology  
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机载大视场立体航摄系统郑州航拍图像  
aerial image in Zhengzhou of  
DLUERUQHODUJHBMWHUHRDHULDO□  
photography system



机载大视场立体航摄系统郑州航拍图像  
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photography system

This group took the lead in researching the mechanism, method and integrated manufacturing technology of aerial imaging from the late 80s of last century. They broke through the technical bottleneck of high performance aerospace imaging and measurement system manufacturing, and performed extensive utilizations. Also a first-class research team is formed, and an advanced research platform is built. Based on key -technology innovation, the manufacturing, environmental adaption, image processing and platform stabilization ability is enhanced to a world-class level. Some of the performances have reached world leading level. The group has established a comprehensive solutions of aerial imaging systems which can cover the whole airspace and time domain. The achievements have met the strong demand of national defense. The leap-forward development of aerial photoelectric imaging and measurement technology has also been realized which has made an outstanding contribution to our country.

Outstanding contributors of this research group

Jia Ping

As the leader and organizer of the group, he developed the theories and methods of multi-gimbal interference isolation inertial stabilization, established the long distance WDUJHWWUDNLQJPHWKREQRPSOHHQYLURQPHQW□

Ding Yalin

He established the theories and methods of large lenses and mirror support, compound multi-level thermal control, vibration reduction and sub-aperture self-collimation auto IRXVVLQJ□

KDQJDR

He developed the technology of platform stabilization, airborne laser irradiation and infrared radiation measurement, electro-optical sighting and multispectral co-aperture LPDJLQJ□



研制的载荷参加抗战 70 周年阅兵  
Imaging system participated in the 70th anniversary of the Anti-Japanese War parade



研制的载荷参加抗战 70 周年阅兵  
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三亚港口航拍图像  
Aerial images of Sanya harbour



三亚港口航拍图像  
Aerial images of Sanya harbour



研究集体合影  
Study collective photo

“先进航空光电成像与测量技术”研究集体

推荐单位：中国科学院长春光学精密机械与物理研究所



贾平 Jia Ping



贾平



丁亚林 Ding Yalin

丁亚林



张保 iboh Cbp

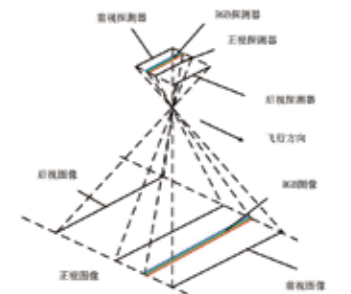
张保



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photography system



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Jnbh oh s od m pg b scpso mbsh me  
stereo aerial photography system

ODMRURIQWULEN

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DEHJTLDQJ

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Zhu Ming

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