Abstract

The real problem about war field is human victims in terrorist attack. So this problem solved by designing the quadcopter which involves wireless camera and a laser gun. This quadcopter are
the used as fighters against terrorist in danger areas. This quadcopter is radio frequency operated and do the task i.e. FORWARD, BACKWARD, LEFT RIGHT, UP and DOWN. A wireless camera has been placed on it, so people can see live video and stored on a laptop or pc that is located up to 100 meters to track the enemy wirelessly when required. A laser gun placed on it so that it can fire on terrorist when required. The movement of this robot is wirelessly controlled by RF transmitter to send command to the RF receiver placed on the moving quadcopter. RF 2. 4GHz transceiver are used for the remote control. The kk2. 1. 5 board is used for flying and landing quadcopter in stable manner. This quadcopter is used in star hotels, shopping malls, jewellary show rooms etc where there can be threat from intruders or terrorists.

References

- Inkyu Sa and Peter Corke, "Estimation and Control for an Open-Source Quadcopter", Proceedings of Australasian Conference on Robotics and Automation, 7-9 Dec 2011
- Mr. Amit L Naikwade, Prof. S. C. Joshi, Prof. M. S. Biradar, "war field intelligent defense flaying?vehicle", Novateur Publications International Journal of Innovations in Engineering Research and Technology [JIERT], ISSN: 2394-3696, Volume 2, Issue 4 APR.
High Speed Vision based Navigation of a Stabilize Quadcopter


Index Terms

Computer Science Wireless

Keywords

Kk2. 1. 5 Board laser Gun wireless Camera wireless Remote Control quadcopter