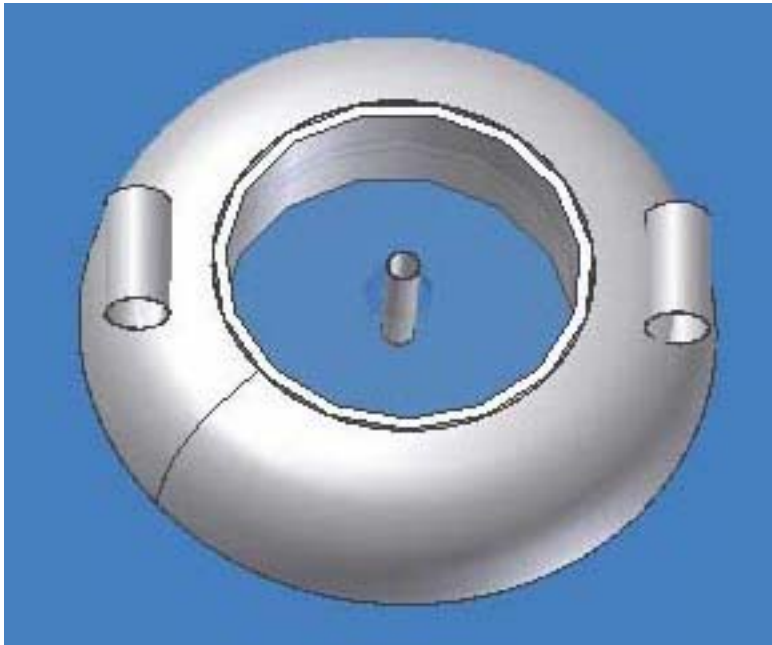
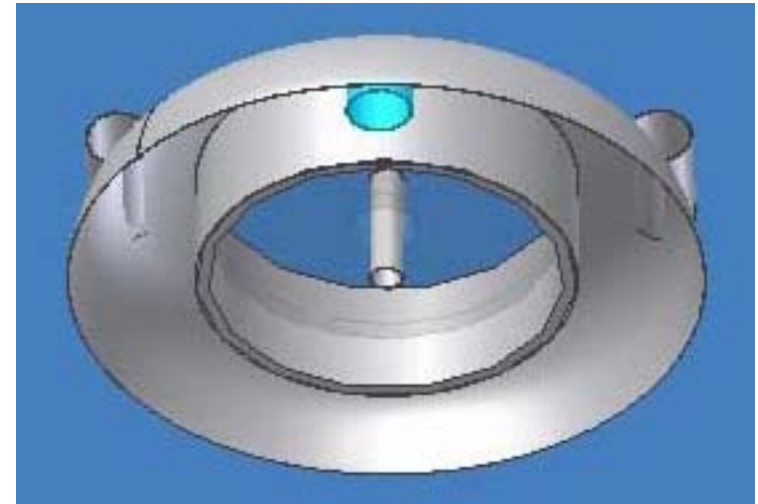


## UAV short range (VTOL – vertical takeoff and landing)



Top side view



Bottom side view



## UAV short range

**UAV** or spy plane for surveillance (short range)

Mainly to get a better stability image and confirmation with very detailed picture.

Use for surveillance and can provide images up to 12X optical zoom and 800X digital zoom.

This can cover an area of 50km radius. Real time image transmission using fiber optics (>1 terra hertz (THz) of band width and 1Tbits per second of transmission rate.) TV camera using fiber optical system

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Crystal Communication Sdn Bhd (306943T)

Mobile: 0126977577, Email: [crystalcommunication@yahoo.com](mailto:crystalcommunication@yahoo.com)

<http://www.geocities.com/crystalcommunication>



## UAV short range

### **Technical specifications**

Applications: Take high quality stable images of enemy front (up to 50 km radius)

Speed: 30 – 80 Km/h

Altitude: ~1,000 m.

### **Guidance:**

RF remote control

Fiber optic control

### **Relay:**

Fiber optic system

RF system

### **Image:**

TV camera (x12 optical zoom, X800 digital zoom)

(like seeing a tiny hair on the floor for a 5' 8" height person)

Frames/s: 60 frames per second

AM, FM, VHF, UHF receiver antenna

### **Optional:**

IR (Infra red) vision

Night vision

### **Capability:**

1/ Take images of enemy front

2/ Real time surveillance

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