



UAV or spy plane for surveillance (long range)

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



UAV long range

Technical specifications

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

Speed: 150 – 250 Km/h

Altitude: ~3,000 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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