



Missile guidance system using TV camera (real time image)

The TV camera is mounted at the tip of the missile. This will send a real time image via a fiber optic to the control system.

TV camera to guide the missile
TV camera using fiber optical system



Mobile Communication

Technical specifications

Applications: Provide guidance system for the missile

Range: ~100 km.

Image: TV camera (x12 optical zoom, X800 digital zoom)

Frames/s: 100 frames per second

Relay: Fiber optic system
RF system

Guidance: RF remote control
Fiber optic control

Speed of missile: ~3-5 speed of sound

Accuracy: $\pm 10\text{m}$ (depending on speed)

Optional:

IR (Infra red) vision

Night vision

Capability:

1/ Guide missile to an accurate target

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