

The image shows a black, dual-camera system mounted on a base. It features two lenses on the top left and right, and a central sensor unit. The background is a green and white digital pattern with numbers like 002, 003, 004, 005, 009, and 010.

DUAL i50™

PRODUCT OVERVIEW

SINGLE PLATFORM—DUAL CAMERA

COLOR CAMERA

THERMAL CAMERA

RVision's Dual i50 Camera System combines CCTV and Thermal Camera Technology for maximum scene awareness for day or night security applications. Capable of detecting a man-size target out to 4 miles (13,400 meters) with its day optics package and IR detection of human activity out to 1900 feet (580 meters) making this the ideal solution for critical infrastructure security.

The Dual i50 offers several optical configurations in the same "tough as nails" package consistent with the RVision proven designs. This low-profile solution fits well in covert configurations allowing the two bore-sighted optical packages to do the job of detecting and identifying targets at range. The innovative and patent pending QuickConnect™ feature allows the Dual i50 to be hotswapped and interchangeable with other RVision camera heads in both fixed and mobile applications.

FEATURES

- CCTV IMAGE STABILIZATION
- HOT SWAPPABLE
- QUICKCONNECT™
- LOW POWER FOR SOLAR POWER APPLICATIONS
- VIDEO INVERTS BASED ON INSTALL POSITION
- COLOR/NIR FOV 26X OPTICAL ZOOM 12X
- IR FOV 35 OR 50MM
- WHITE-HOT OR BLACK-HOT POLARITY SELECTABLE
- ELECTRONIC IRIS
- N2 PRESSURIZED HOUSING
- OPTIONS:
 - VEHICLE KIT
 - HIGH GAIN MICROPHONE
 - IP ADDRESSABLE
 - JOYSTICK CONTROLLER

RVision, Inc.
IMAGING SYSTEMS FOR SIGHT

619.233.1403 : www.rvisionusa.com

DUAL i50™

TECHNICAL SPECIFICATIONS

PAN & TILT SYSTEM CONFIGURATION:

- PAN ANGLE RANGE540°
- TILT ANGLE RANGE190°
- MAX PAN SPEED168°/s
- MAX TILT SPEED72°/s
- PAN/TILT ENCODER RESOLUTION0.5°
- WEIGHT<10 lbs.
- HOUSING MATERIALAluminum
- POWER+12-30VDC
- TEMPERATURE.....-32°C to +55°C
- MOUNTINGQuickConnect™
- IP RATINGIP67

CCTV CAMERA:

- OPTICAL ZOOM26X
- DIGITAL ZOOM12X
- IMAGING MODESColor/Near Infrared
- TV LINES (NTSC/PAL)470/460
- PEL COUNT (NTSC/PAL).....630,000/740,000
- DYNAMIC RANGE.....50db
- LIGHT SENSITIVITY.....0.05 Lux NIR Mode
- AUTO FOCUSYes
- IMAGE STABILIZATION.....Yes
- RICH EXPOSURE COLOR.....Yes
- VIDEORS170

IR CAMERA:

- SENSOR TYPE.....320x240
VOx microbolometer
- FIELD OF VIEW20°x15° or 14°x10° (HxV)
- SPECTRAL BAND7.5-13.5 μm
- AUTOMATIC FEATURESContrast, Bright
- STORAGE TEMP-50°C to +70°C

