

A black, compact, cylindrical camera unit with two lenses on the front, mounted on a base. The background is a green and white digital pattern with numbers like 003, 004, 005, 006, 007, 010, 004, 005, 006.

SEE-F50Z™

COLOR/NIR/THERMAL

PRODUCT OVERVIEW

RVision's SEE-F50Z™ combines CCTV and thermal camera technology for maximum scene awareness for day or night security operations. Capable of detecting a man-sized 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 short to mid-range solution for critical infrastructure security.

The SEE-F50Z™ offers several optical configurations in the same tough-as-nails package consistent with RVision's proven designs. The compact package provides an unobtrusive, low-profile solution allowing the two bore-sighted optical packages to do the job of detecting and identifying targets at range. The SEE-F50Z™ can be installed right side up or inverted, and still maintain environmental integrity.

The low-profile design of the SEE-F50Z™ reduces wind-loading on higher elevation installs. The innovative and patent-pending QuickConnect™ feature allows the RVision SEE-F 050Z™ to be hot-swapped and interchanged from a fixed location to a mobile unit, giving the end-user the ability to meet all of the operational requirements for day/night security operations.

KEY FEATURES

- **CCTV IMAGE STABILIZATION**
- **HOT SWAPPABLE**
- **COLOR/NIR FOV**
- **26X OPTICAL/ 12X DIGITAL**
- **QUICKCONNECT™**
- **WHITE-HOT OR BLACK-HOT POLARITY SELECTABLE**
- **LOW POWER FOR SOLAR POWER APPLICATIONS**
- **ELECTRONIC IRIS**
- **IR FOV UP TO 50 MM - DIGITAL ZOOM**
- **N2 PRESSURIZED HOUSING**
- **OPTIONS:**
 - **VEHICLE OR FIELD KIT**
 - **HIGH GAIN MICROPHONE**
 - **IP ADDRESSABLE**
 - **SLIP RING**
 - **HOOD AND BIRD SPIKES**
 - **BIGFOOT CONNECTION**

RVision, Inc.
IMAGING SYSTEMS FOR SIGHT

619.233.1403 : www.rvisionusa.com

SEE-F50Z™

COLOR/NIR/THERMAL

TECHNICAL SPECIFICATIONS

PAN & TILT SYSTEM CONFIGURATION:

- PAN ANGLE RANGE440°
- TILT ANGLE RANGE240°
- PAN SPEED75°/s
- TILT SPEED35°/s
- PAN/TILT ENCODER RESOLUTION0.5°
- WEIGHT12 lbs
- HOUSING MATERIALCast Aluminum
- POWER12-30vdc
- TEMPERATURE.....-20°C to +50°C
- MOUNTINGQuickConnect™

CCTV CAMERA:

- OPTICAL ZOOM26 x
- DIGITAL ZOOM12 x
- 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
- LOW-LIGHT/LONG INTEGRATIONyes/.25 s
- AUTO FOCUSyes
- IMAGE STABILIZATIONyes
- RICH EXPOSURE COLOR.....yes

IR CAMERA:

- MICRO320 x 240 or 640 x 480
- SPECTRAL RESPONSE7.5-13.5 μ m
- THERMAL SENSITIVITY< 85mK
- REFRESH RATEReal-time 30 Hz
- FOCAL LENGTH35 mm or 50 mm
- FOV20° x 15° or 14° x 10°
- FOCUS METHODManual/Fixed
- OUTPUT RESOLUTION (NTSC/PAL)640 x 480/768 X 574

