

# PATROL CCTV™



## PRODUCT OVERVIEW

RVision's Patrol CCTV™ system enables the entire family of the RVision cameras with QuickConnect™ to be placed in the hot shoe interface of the Patrol CCTV™ platform. The Patrol CCTV™ is comprised of the mounting hardware, cables, a LOOK controller and your choice of our Quick Connect Cameras. Choose the SEE™, MINI m3g™ or DUAL i50™ for a fully integrated mobile security solution. The LOOK™ joystick controller station with an integrated TFT-Color 6.4 inch display monitor provides the ability to control the functions of the camera, show jitter-free video and provides external video jacks to record audio and video for future reference. Additional controls allow the system to operate thermal imaging cameras and NIR illuminators for security operations in low light or no light conditions.

This compact lightweight mobile surveillance system can be mounted on a Thule™ roof rack and has been tested in wind and rain at up to 100 mph. It is available in either NTSC or PAL format. There are many applications for the Patrol CCTV™ such as IED removal, first responders, Law Enforcement, Fire, Flight Operations and heavy equipment operation.

As in most RVision products, the Patrol CCTV™ can be used with third party encoders, DVR's, video servers and other security management tools.



DUAL i50™



MINI m3g™

## KEY FEATURES

- 3 AXIS JOYSTICK WITH TWIST TO ZOOM
- 6.4" VIDEO MONITOR
- COLOR/NIR
- 26X OPTICAL / 12X DIGITAL ZOOM
- IMAGE STABILIZATION
- THULE™ ROOF RACK CLAMP SYSTEM
- COLOR/NIR/FIXED FOV 26X OPTICAL / 12X DIGITAL ZOOM
- AUTO-FOCUS
- HOT SWAPPABLE
- QUICKCONNECT™ ELECTRICAL & MECHANICAL MOUNTINGSYSTEM
- LOW POWER FOR SOLAR POWER APPLICATIONS
- PRESSURIZED NITROGEN BACK-FILLED CAMERAS
- OPTIONS:
  - HOOD, BIRD SPIKES AND WIPER BLADE
  - MICROPHONE
  - CUSTOM IP + WIRELESS SOLUTIONS AVAILABLE

*RVision, Inc.*  
IMAGING SYSTEMS FOR SIGHT

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# PATROL CCTV™

## TECHNICAL SPECIFICATIONS

### SEE™ SPECIFICATIONS: OTHERS AVAILABLE UPON REQUEST

- PAN ANGLE RANGE .....440°
- TILT ANGLE RANGE .....240°
- PAN SPEED .....135° / s
- TILT SPEED .....50° / s
- PAN/TILT ENCODER RESOLUTION .....0.5°
- WEIGHT .....9.04 lbs (4.1 kg)
- HOUSING MATERIAL .....Cast Aluminum
- SIZE .....18cm diameter, 20cm tall
- POWER .....12 to 30vdc, 500 ma, 2A peak
- VIBRATION .....3grms 3axis, Random, 5 to 1000Hz
- TEMPERATURE .....-20° to 70° C
- MOUNTING .....QuickConnect™
- OPTICAL ZOOM .....26 x
- DIGITAL ZOOM .....12 x
- IMAGING MODES .....Color/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 INTEGRATION.....yes / .25 s
- AUTOFOCUS .....yes
- IMAGE STABILIZATION .....yes
- RICH EXPOSURE CONTROL .....yes
- COMMAND/CONTROL
  - TRANSPORT .....RS232 OR RS422
  - PROTOCOL .....Enhanced VISCA™
- OPT. CAMERAS .....MINI m3g, DUAL i50
- OPT. ILLUMINATOR .....720nm, 35W, 50W or 100W

### LOOK™ SPECIFICATIONS

- DISPLAY VIDEO FORMAT .....NTSC or PAL
- DISPLAY:
  - TYPE .....Active TFT – Color
  - SIZE .....6.4" Viewing
  - FORMAT .....960 x 234
- BACKLIGHT .....300 CD/M<sup>2</sup>
- WEIGHT .....4.8 lbs (2.2 kg)
- HOUSING .....Aluminum
- SIZE .....5.5"H x 8.7"W x 1.2"D / 14 x 22 x 3 cm
- POWER .....9 to 36 vdc, 1.3 A
- VIBRATION.....1 grms 3 axis, Random, 5 to 1000 Hz
- TEMPERATURE.....0 TO 50 °C OPERATIONAL
- JOYSTICK .....Pan/Tilt/Zoom, Proportionate
- PAN/TILT CONTROL:
  - JOYSTICK SPEED .....Proportionate to Zoom
  - ELECTRONIC GEARING .....3 Speed, Push Button
  - PRESETS .....Set & Recall, 2 Presets
- CAMERA CONTROL: .....Color/NIR Push Button
  - FOCUS .....Auto/Manual Push Button
  - ZOOM .....Twist Joystick
  - IMAGE STABILITY .....Toggle On/Off Push Button
  - EXPOSURE.....Back Light & Slow Shutter
- EXTERNAL CONNECTORS:
  - VIDEO .....RCA
  - CAMERA .....HiDEF
  - AUDIO (DOJ OPTIONAL) .....RCA
  - POWER .....2.5mm, Locking

